

# COUNTY HIGHWAY

BUREAU OF CONSTRUCTION

## KILLBUCK-GLENMONT ROAD

ROAD No. 5 SEC. B PET.  
HOLMES COUNTY

KILLBUCK TOWNSHIP

DECEMBER 1921

SECA. ROAD No. 5  
KILLBUCK-GLENMONT ROAD  
KILLBUCK TOWNSHIP  
HOLMES COUNTY

1  
12

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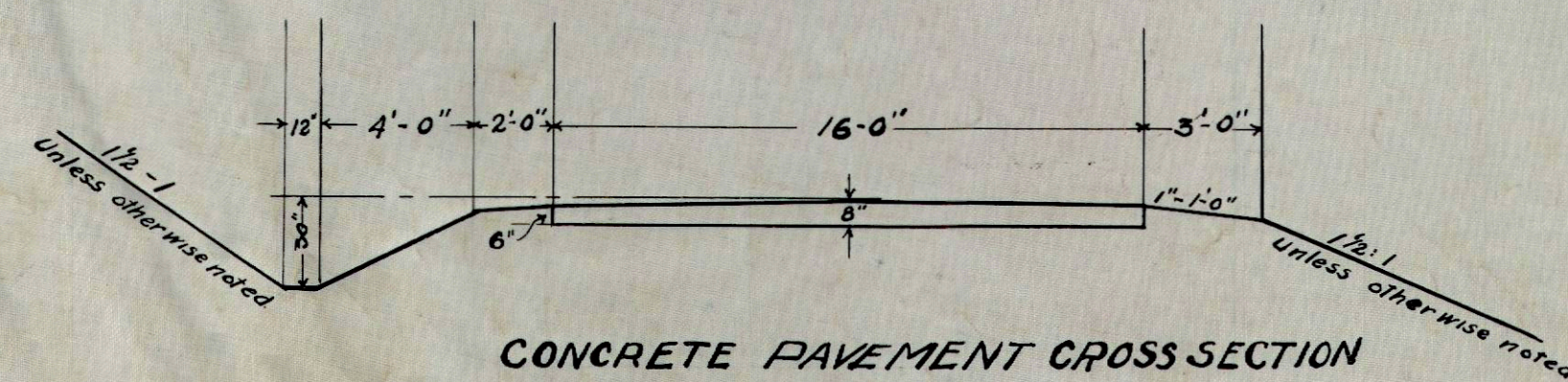
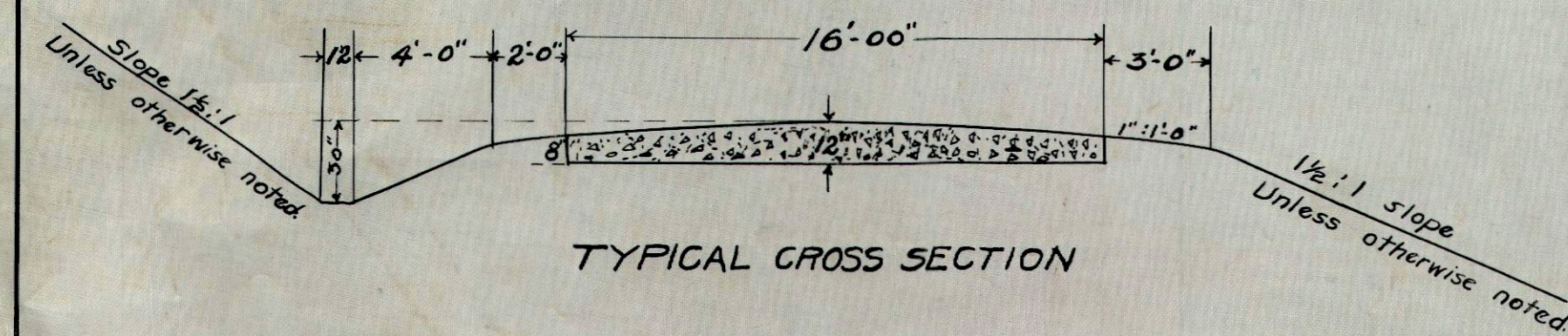
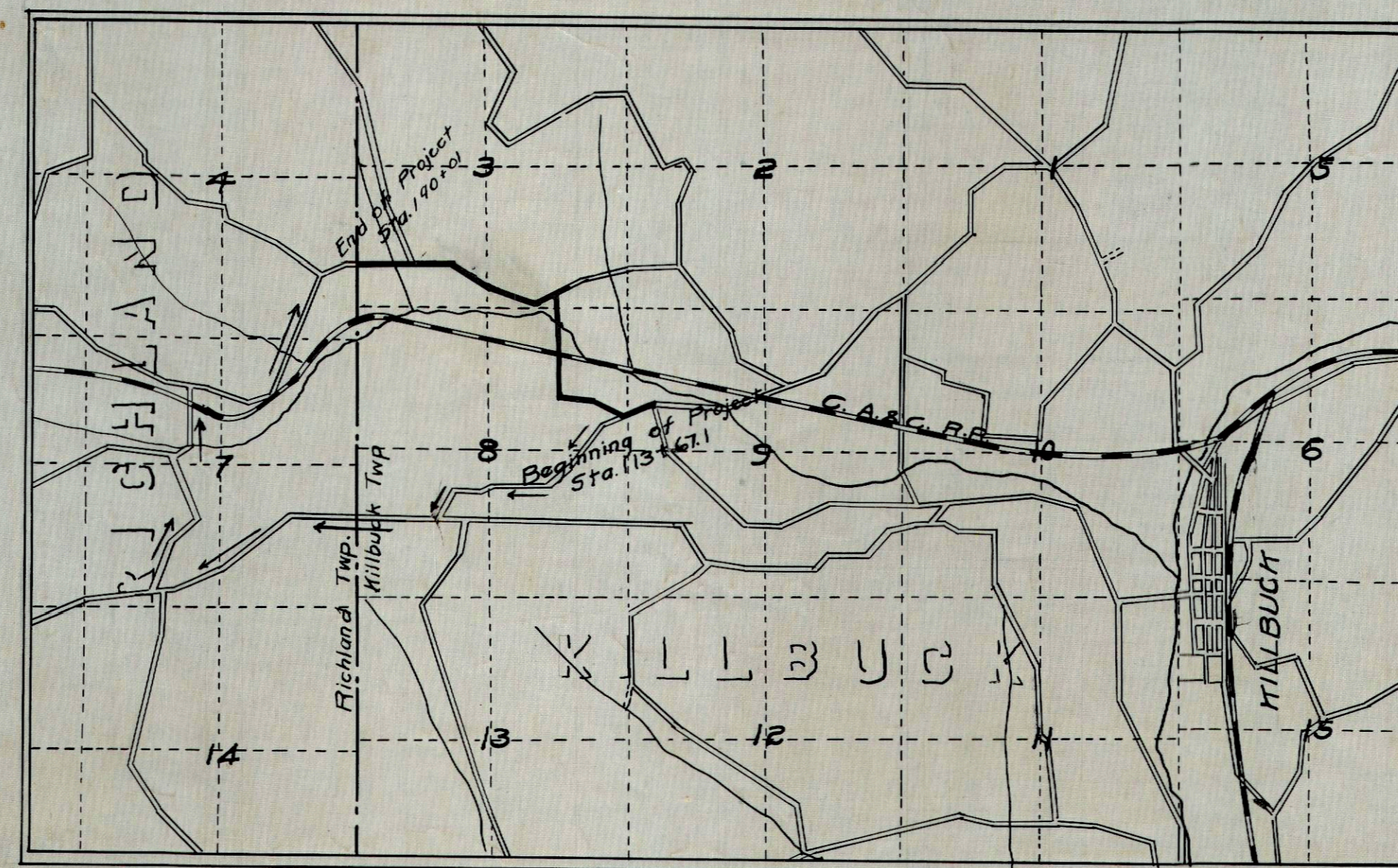
The Standard Specifications of the State of Ohio, Division of Highways in force on date of contract will govern this improvement.

I hereby approve these plans and declare that the making of this improvement will require the closing to traffic of the highway and that detours will be provided as shown on the plan and estimates.

Approved: W. W. Purdy  
Date, 4-3-22 County Surveyor

We, the Commissioners of Holmes County hereby approve these plans and certify that the right-of-way 60 feet wide, is available for the construction, maintenance and repair of highway.

Date, \_\_\_\_\_ County Commissioners



Note: Fill under concrete pavement and berm along concrete pavement shall be made of shale hauled from Sta. 153 to 155 ±.

LOCATION PLAN

PORTION TO BE IMPROVED ———→  
DETOURS SHOWN THUS →

### SCALES

Plan 1"=100'  
Profile (Vertical) 1"=10'  
Profile 1"=100'  
Cross Sections 1"=5'

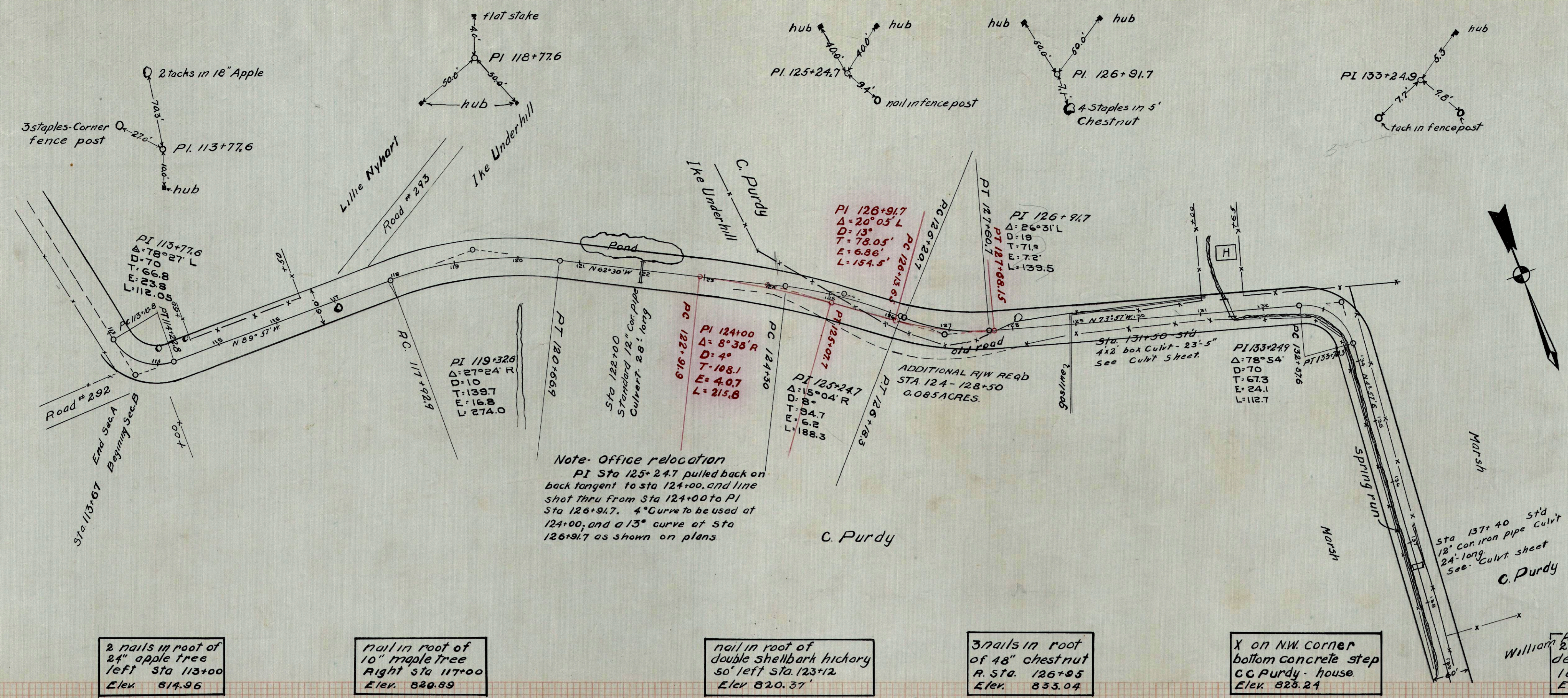
NEW STRUCTURES

STA	TYPE	LENGTH
122+00	PIPE CULVT.	26'-0"
131+50	BOX	23'-5"
137+40	PIPE CULVT.	24'-0"
140+52	"	30'-0"
140+85	"	32'-0"
143+55	"	27'-0"
151+00	GIRDER BRIDGE	40'-0"
163+50	PIPE CULVT.	26'-0"
168+15	BOX	23'-0"
171+12	PIPE CULVT.	26'-0"
179+75	"	30'-0"
180+22	New Abutments	
189+75	PIPE CULVT.	26'-0"

SUMMARY

ROADWAY	
EXCAVATION	8169 CU. YDS.
BERMS AND DITCHES	7,333 LIN. FT.
GRUBBING AND CLEARING	\$2,000
6" SEWER PIPE	100 FT.
CONCRETE PAVEMENT	1809 SQ. YDS.
CONCRETE HEADER - 12"x12"	16 FT.
GRAVEL ROADWAY (6"x2" Compacted)	11,082 SQ. YDS.
BRIDGES	
EXCAVATION AND REFILL	296 CU. YD.
1-2-4 CONCRETE IN PLACE	90 CU. YD.
1-2 1/2-5 "	80.5 "
1-3-6 "	41.6 "
REINFORCING STEEL "	12,776 lbs.
12" CORRUGATED IRON PIPE LAID	146'
15" "	38'
18" "	30'
WEARING SURFACE (2')	93 SQ. YDS.
24" CORRUGATED IRON PIPE	27'

94 wet - 202 dry



Note - Office relocation  
PI Sta 125+24.7 pulled back on  
back tangent to sta 124+00 and line  
shot thru from Sta 124+00 to PI  
Sta 126+91.7. 4° Curve to be used at  
124+00; and a 13° curve at Sta  
126+91.7 as shown on plans

ADDITIONAL RW REQD  
STA 124 - 128+50  
0.085 ACRES.

2 nails in root of  
24" apple tree  
left Sta 113+00  
Elev. 814.96

nail in root of  
10" maple tree  
Right Sta 117+00  
Elev. 820.89

nail in root of  
double shellbark hickory  
50' left Sta 123+12  
Elev. 820.37

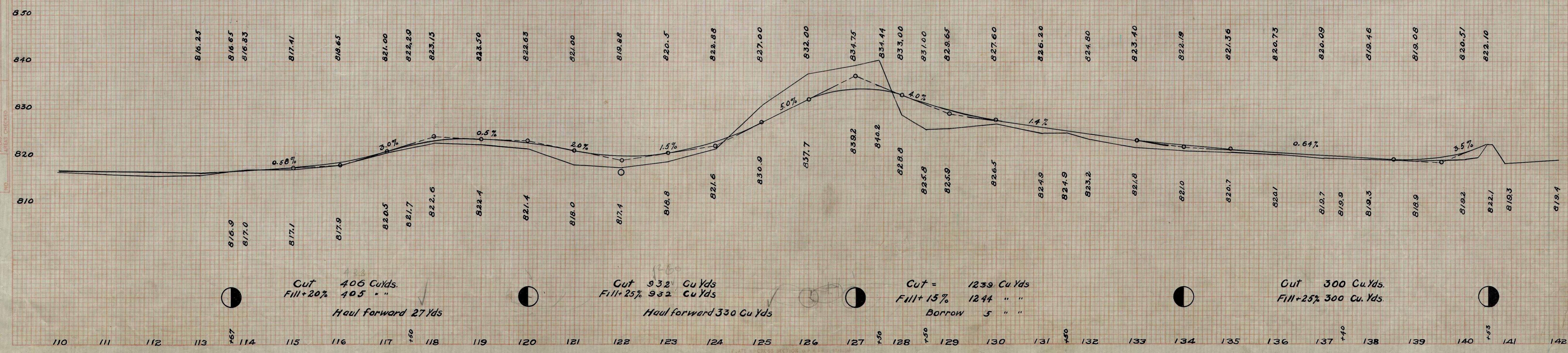
3 nails in root  
of 48" chestnut  
R. Sta. 126+95  
Elev. 833.04

X on NW corner  
bottom concrete step  
C.C. Purdy - house  
Elev. 825.24

Anderson  
2 nails in root of  
dead 36" white oak  
left Sta 136+15  
Elev. 819.52

nail in root of  
10" elm 25' left  
Sta 138+60  
Elev. 818.42

L 200'	L 200'	L 200'	L 200'	L 200'	L 200'	L 200'	L 200'	L 200'	L 200'
Ex 0.65'	Ex 0.87'	Ex 0.37'	Ex 0.88'	Ex 0.88'	Ex 2.25'	Ex 0.65'	Ex 0.19'	Ex 1.03'	Ex 1.03'
PI 116+00	PI 118+00	PI 120+00	PI 122+00	PI 124+00	PI 127+00	PI 129+00	PI 131+00	PI 133+00	PI 135+00
Elev. 818.00	Elev. 824.00	Elev. 823.00	Elev. 819.00	Elev. 822.00	Elev. 837.00	Elev. 829.00	Elev. 822.00	Elev. 822.00	Elev. 818.50



Cut 406 CuYds.  
Fill +20% 405 "

Cut 932 CuYds  
Fill +25% 932 CuYds

Cut = 1239 CuYds  
Fill +15% 1244 " "  
Borrow 5 " "

Cut 300 CuYds.  
Fill +25% 300 Cu. Yds

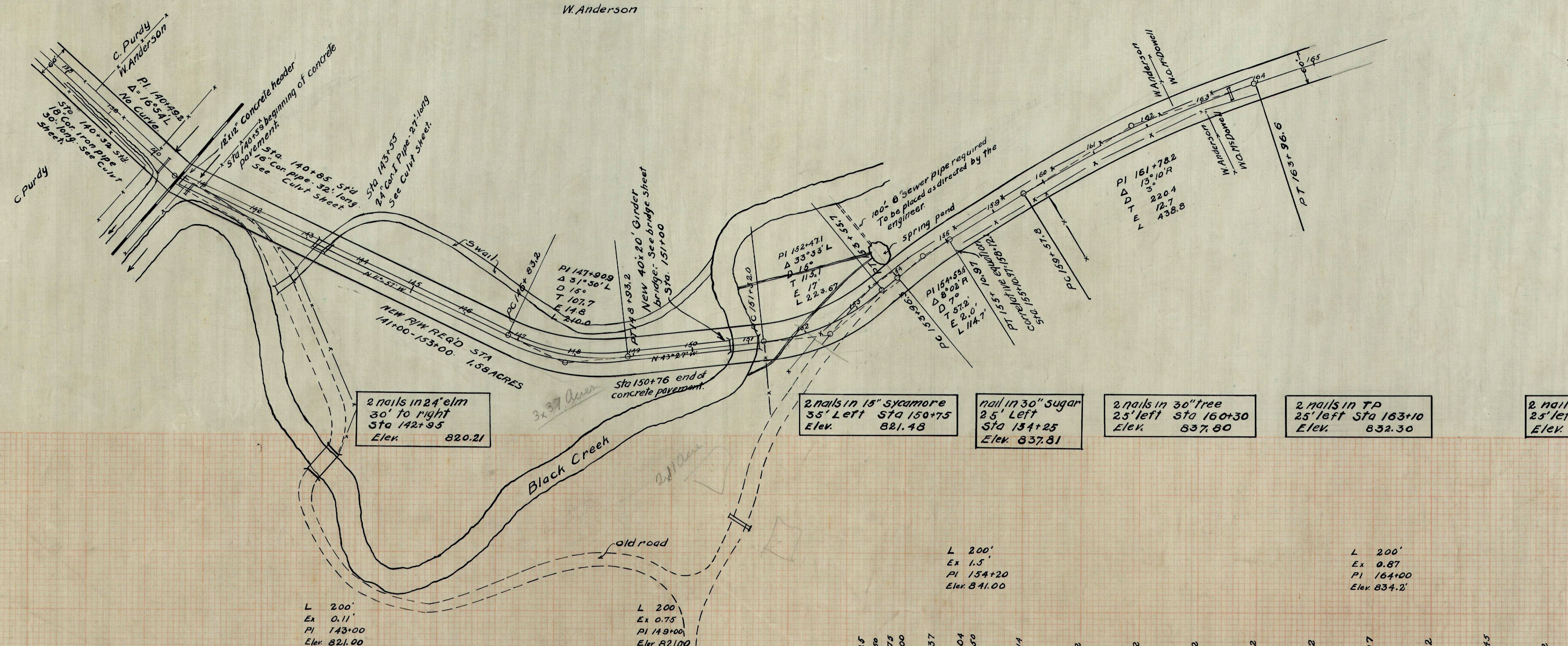
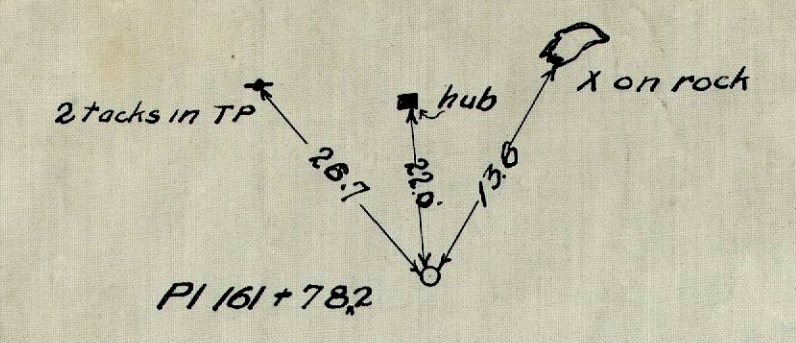
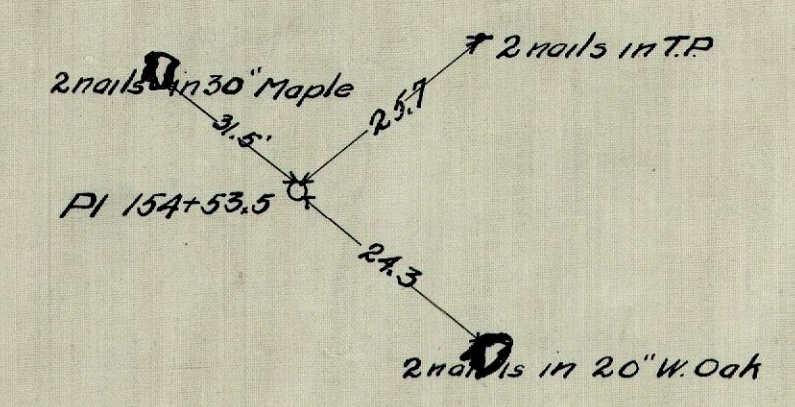
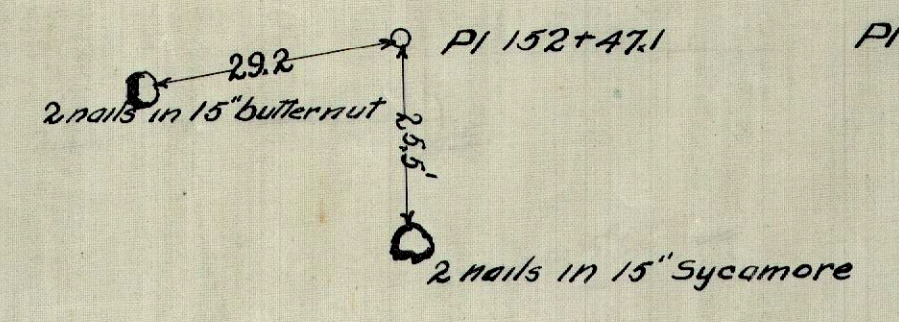
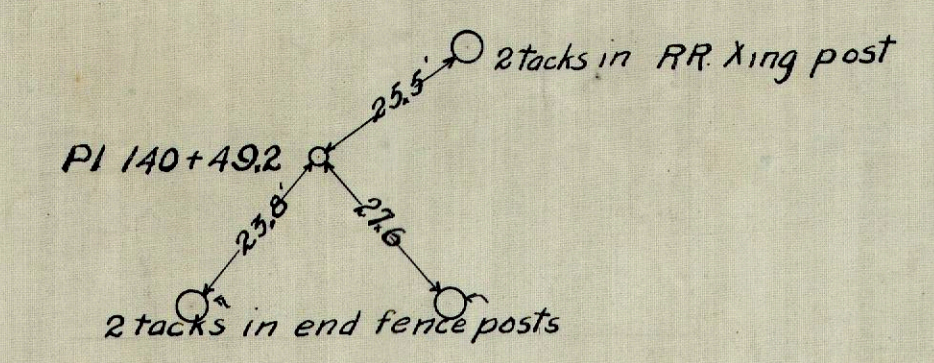
Haul forward 27 Yds

Haul forward 330 Cu Yds

Borrow 5 " "

DATE  
BY  
SURVEYED  
SURVEY  
TEMPERATURE  
NOTE BOOK  
AREAS CHECKED  
NO.

DATE  
BY  
ORIGINAL SURVEY  
SURVEY  
TEMPERATURE  
NOTE BOOK  
AREAS CHECKED  
NO.



2 nails in 24' elm  
30' to right  
Sta 142+9.5  
Elev. 820.21

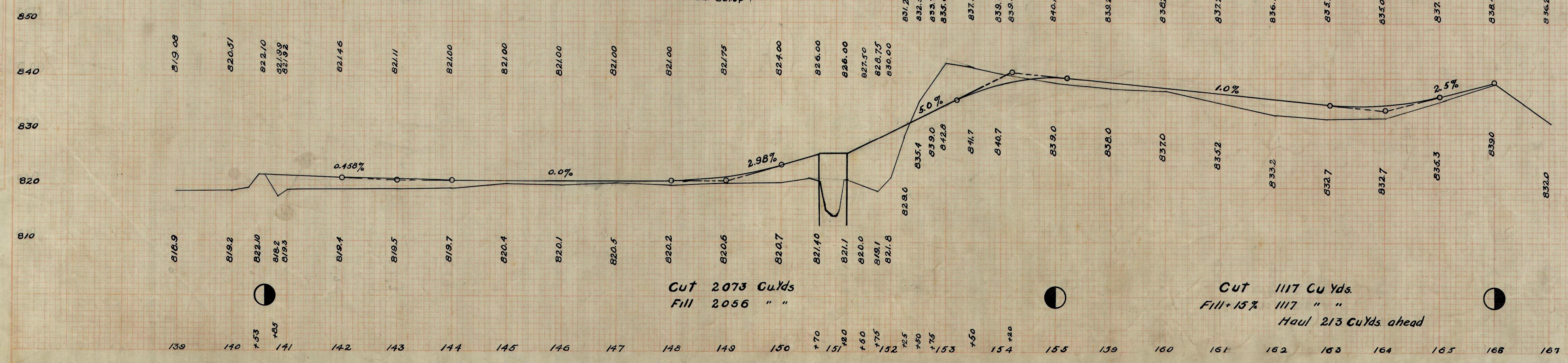
2 nails in 15' sycamore  
35' left  
Sta 150+7.5  
Elev. 821.48

nail in 30' sugar  
2.5' left  
Sta 154+2.5  
Elev. 837.81

2 nails in 30' tree  
2.5' left  
Sta 160+30  
Elev. 837.80

2 nails in TP  
2.5' left  
Sta 163+10  
Elev. 832.30

2 nails in TP  
2.5' left  
Sta 167+60  
Elev. 829.73

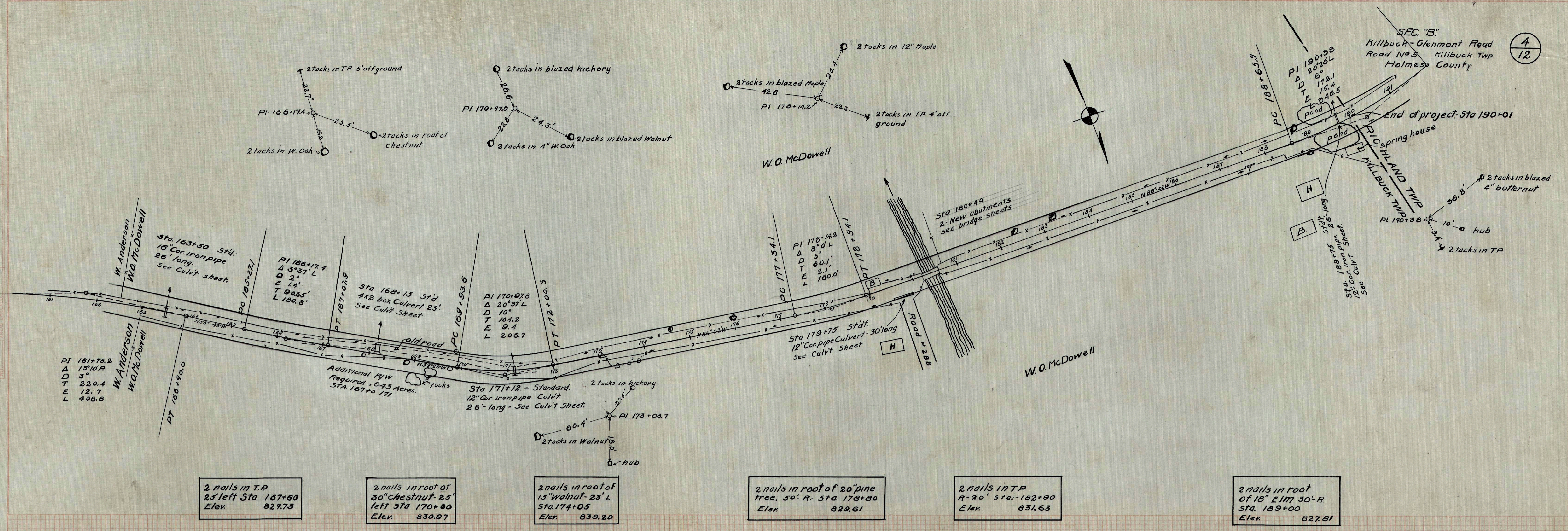


PLAN  
NOTED  
ADJUSTMENT CHECKED  
NO. OF WAY CHECKED

PROFILE  
NOTED  
ADJUSTMENT CHECKED  
NO. OF WAY CHECKED

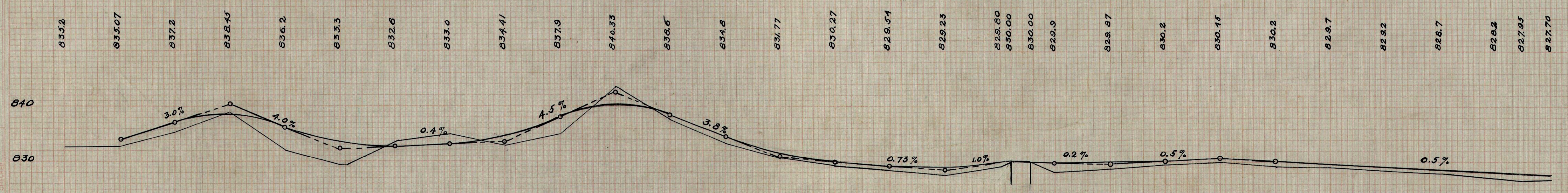
FINAL SURVEY PLOTTED  
 WORK BOOK NO. 12  
 DATE

ORIGINAL SURVEY PLOTTED  
 WORK BOOK NO. 12  
 DATE



- 2 nails in T.P. 25' left Sta 167+60 Elev. 827.73
- 2 nails in root of 30" chestnut-25' left Sta 170+00 Elev. 830.97
- 2 nails in root of 15" Walnut-23' L Sta 174+05 Elev. 839.20
- 2 nails in root of 20" pine tree, 50' R. Sta 178+80 Elev. 829.61
- 2 nails in T.P. R-20' Sta. 182+90 Elev. 831.63
- 2 nails in root of 18" Elm 30'-R Sta. 189+00 Elev. 827.81

L 200' Ex. 1.75' PI 166+00 Elev. 840.2	L 200' Ex. 1.10' PI 168+00 Elev. 832.2	L 200' Ex. 1.01' PI 171+00 Elev. 833.4	L 200' Ex. 2.07' PI 173+00 Elev. 842.4	L 200' Ex. 0.77' PI 176+00 Elev. 831.00	L 200' Ex. 0.43' PI 182+00 Elev. 828.80	L 200' Ex. 0.17' PI 182+00 Elev. 829.7	L 200' Ex. 0.25' PI 184+00 Elev. 830.7
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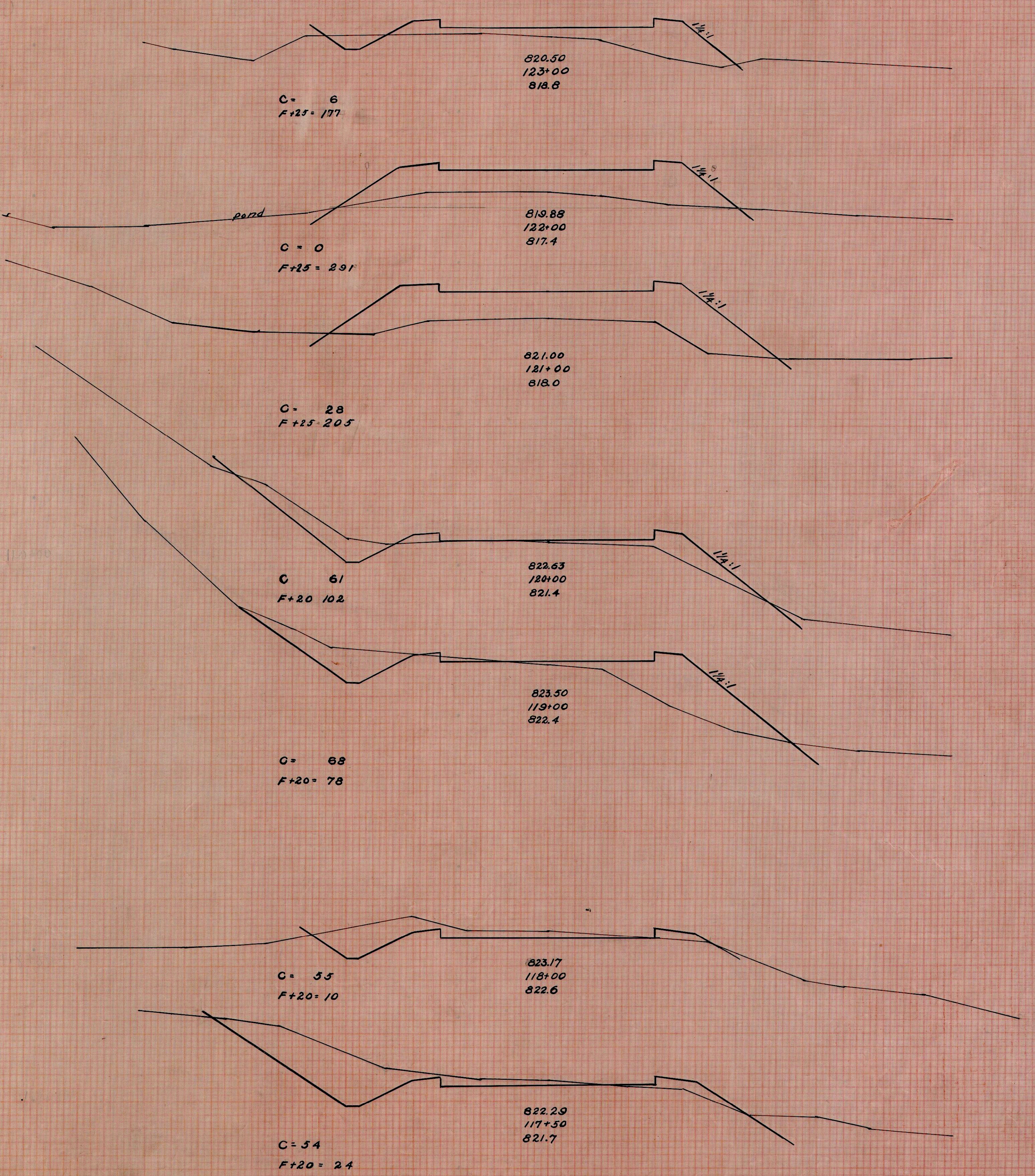
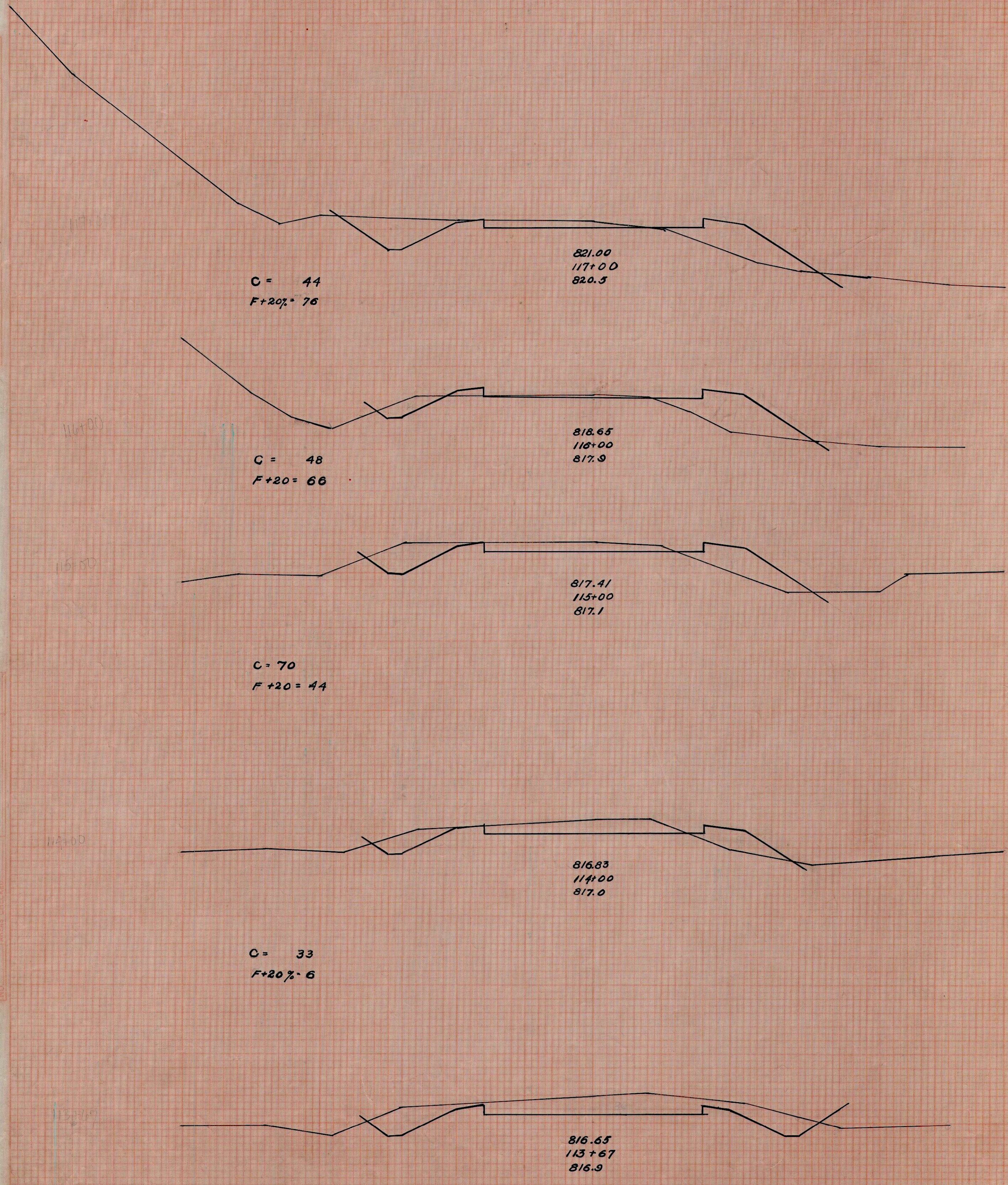


835.2	835.07	837.2	838.45	836.2	833.3	832.6	833.0	834.41	837.9	840.33	836.6	834.8	831.77	830.27	829.54	829.23	829.80	830.00	830.00	829.9	829.87	830.2	830.18	830.2	829.7	829.2	828.7	828.2	827.97	827.70
832.7	832.7	835.3	839.0	832.0	829.5	833.7	834.9	833.0	834.9	843.6	837.6	833.1	830.4	829.1	828.5	827.8	829.0	830.2	830.4	828.5	826.9	829.7	830.00	828.2	829.0	828.3	827.9	827.1	826.7	827.1
																Cut 1365 Cu Yds. Fill+20% 1378 " " Borrow 13 " "		Cut 363 Cu Yds. Fill+30% 335 " " Waste 27 " "		Cut 373 Cu Yds. Fill+30% 370 " " Waste 3 " "										
163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190			

Haul 54 yds back

FINAL SURVEY PLOTTING SHEET  
 CHECKED BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_

ORIGINAL SURVEY PLOTTING SHEET  
 CHECKED BY: \_\_\_\_\_  
 DATE: \_\_\_\_\_



C 81  
 F+15% 243

831.00  
 +50  
 825.8

C 206  
 F+15 97

833.00  
 128+00  
 828.8

C 279  
 F+15 7

834.44  
 +50  
 840.2

C 552  
 F 0

834.74  
 127+00  
 839.2

C 450  
 F+25 46

832.00  
 126+00  
 836.2

C 185  
 F+25 97

827.00  
 125+00  
 824.8

C 15  
 F+25 113

822.88  
 124+00  
 821.4

C 30  
 F+15 68

822.19  
 134+00  
 821.0

C 26  
 F+15 96

823.40  
 133+00  
 821.8

C 19  
 F+15 100

824.80  
 132+00  
 823.3

C 82  
 F+15 47

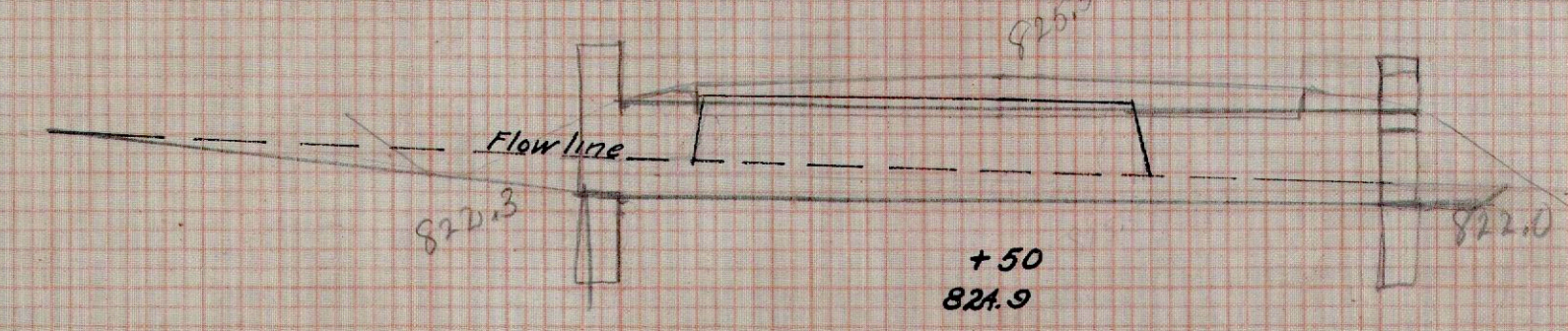
826.20  
 131+00  
 824.9

C 137  
 F+15 290

827.60  
 130+00  
 826.5

C 50  
 F+15 293

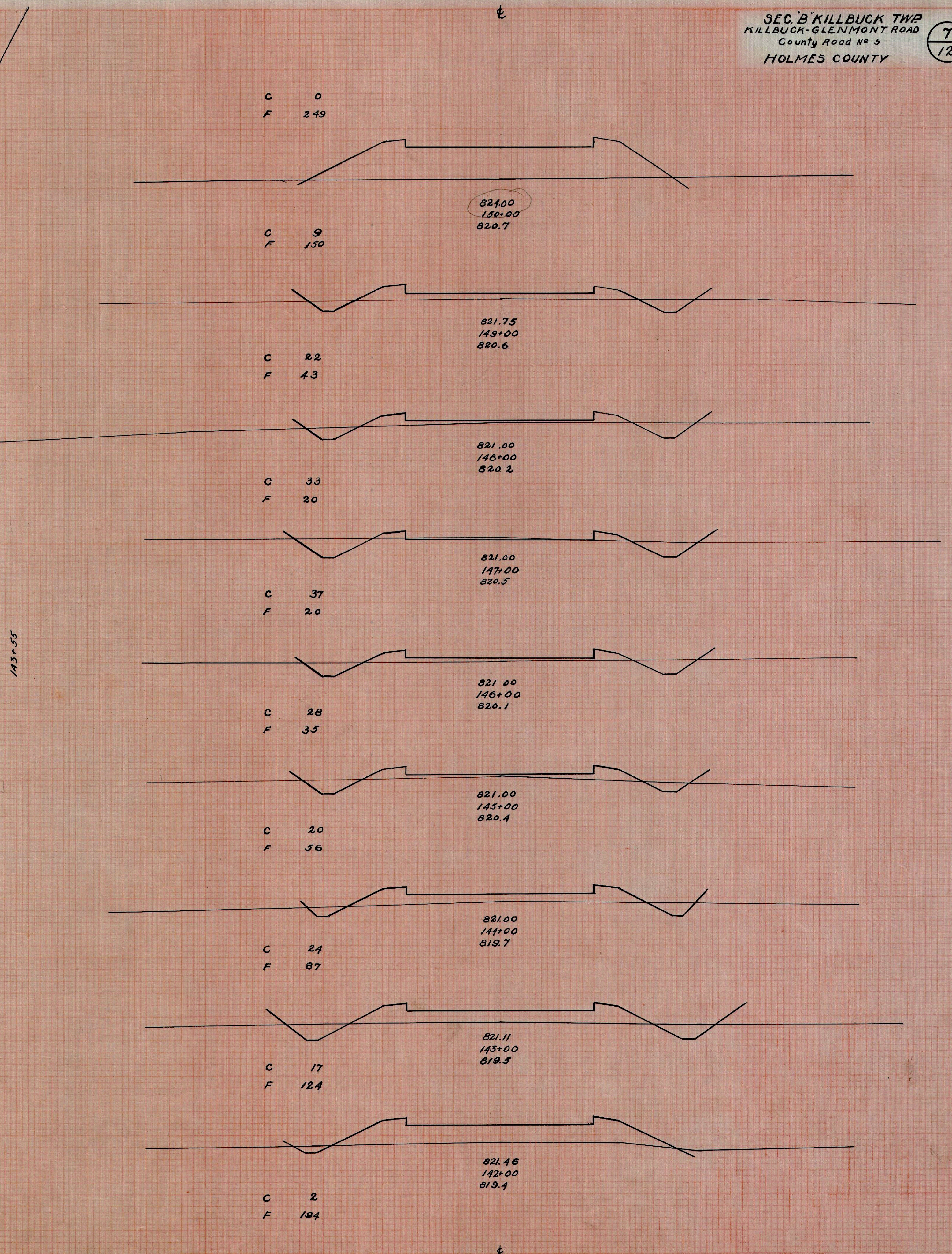
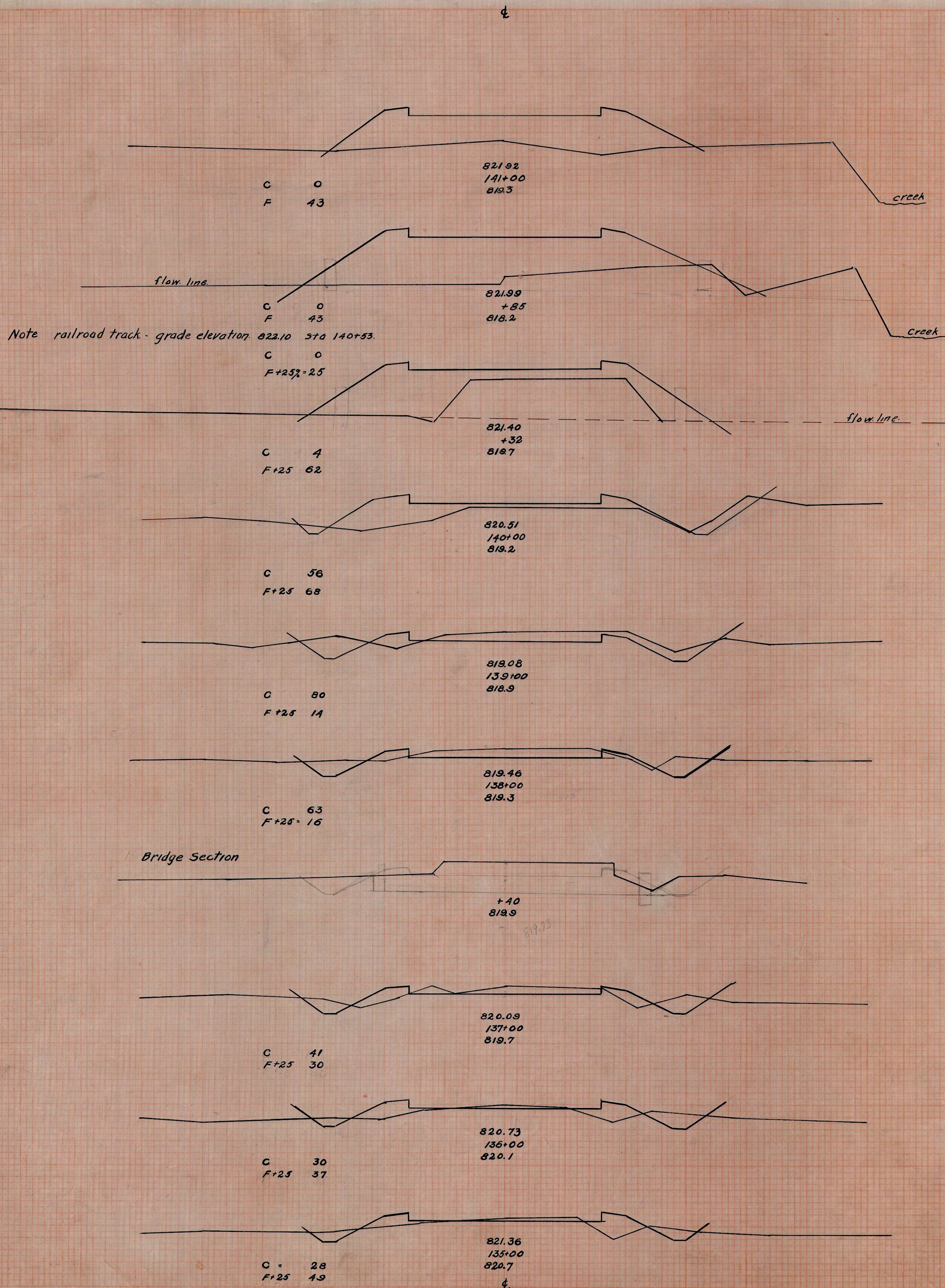
829.65  
 129+00  
 825.9



DATE  
 BY  
 CHECKED  
 ORIGINAL SURVEY  
 PLANNED  
 REVISIONS  
 NO. DATE

DATE  
 BY  
 CHECKED  
 ORIGINAL SURVEY  
 PLANNED  
 REVISIONS  
 NO. DATE

checked



C 154  
F 6

832.50  
152+50  
835.4

C 99  
F 31

831.25  
152+25  
829.0

C 24  
F 161

830.00  
152+00  
821.8

C 0  
F 248

828.75  
151+75  
819.1

C 0  
F 248

827.5  
151+50  
820.0

C 6  
F 200

826.00  
151+20  
821.1

Bridge Section

Bridge Section

826.00  
150+70  
821.4

C 187  
F+15 149

Note: Correlative equation.  
Sta. 153+00 = Sta. 158+00

840.14  
153+00  
839.00

C 396  
F 74

839.04  
154+00  
840.7

C 438  
F 0

837.37  
153+50  
841.7

C 531  
F 0

835.00  
153+00  
842.8

C 213  
F 4

833.75  
152+75  
839.00

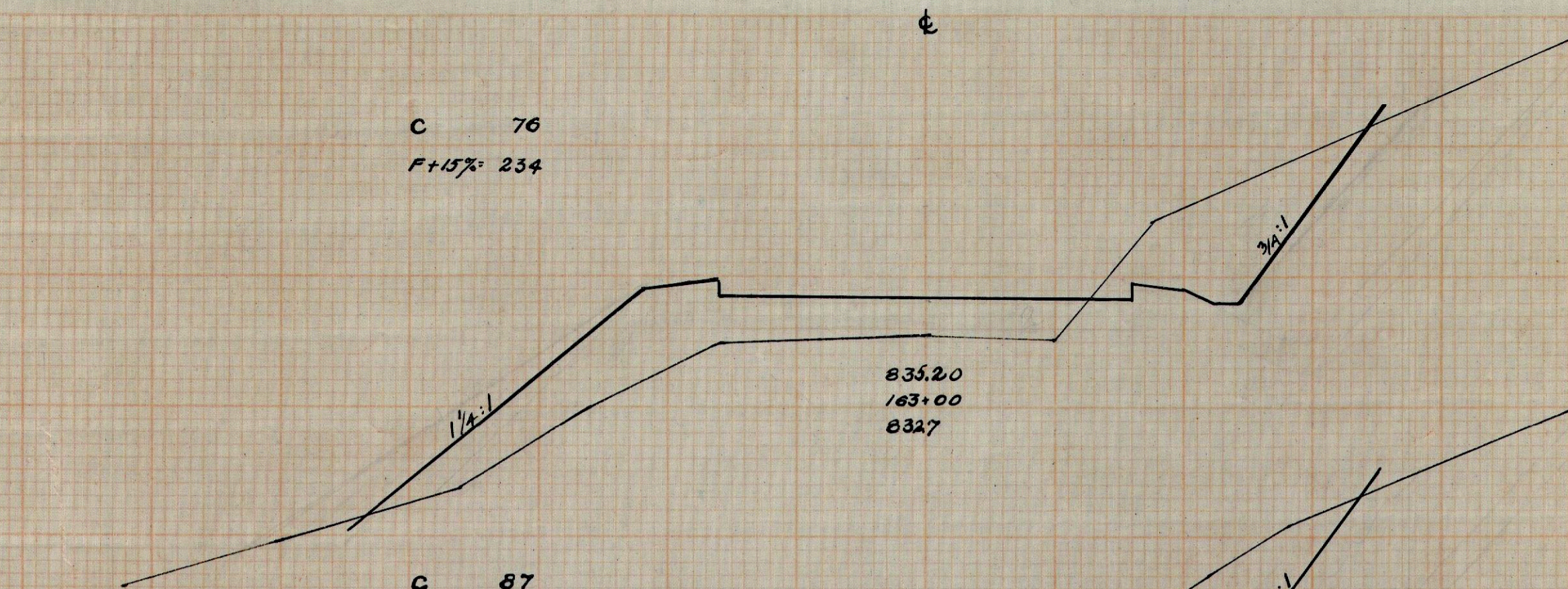


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 DATE  
 DRAWN BY  
 CHECKED BY  
 NO.

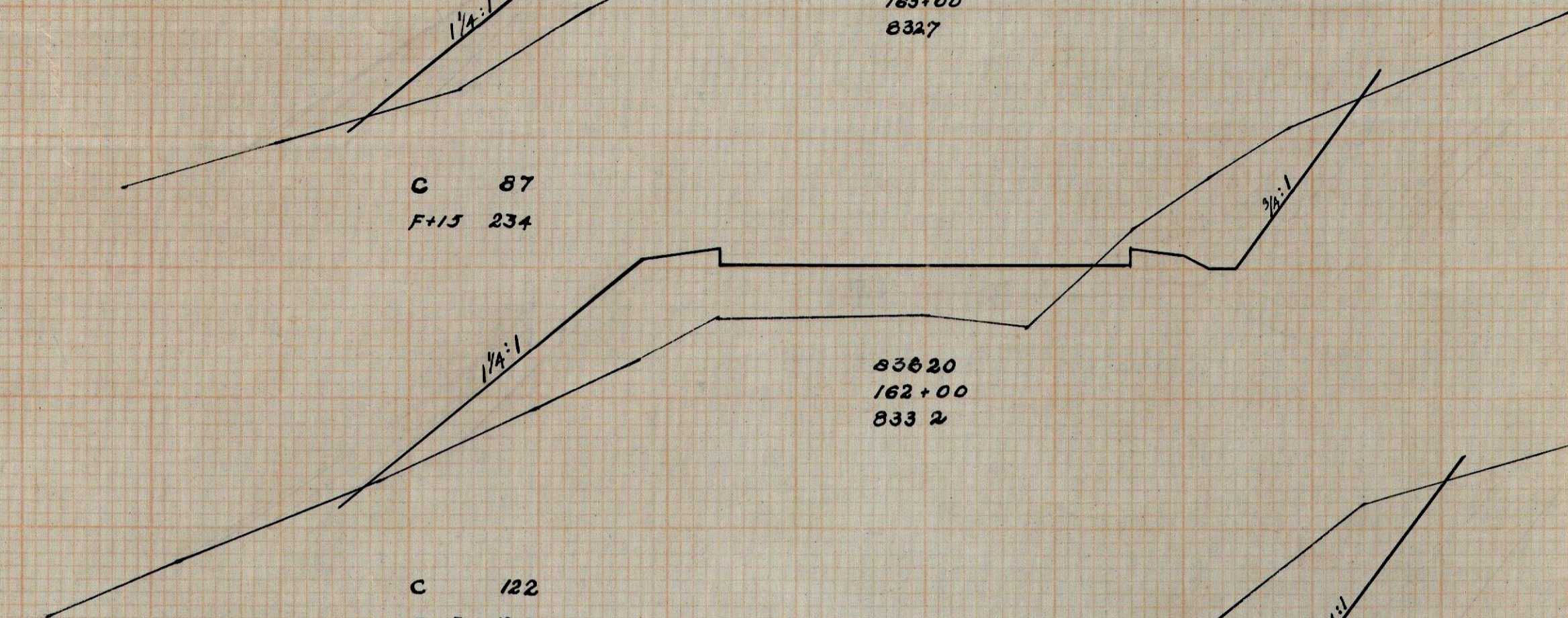
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 DRAWN BY  
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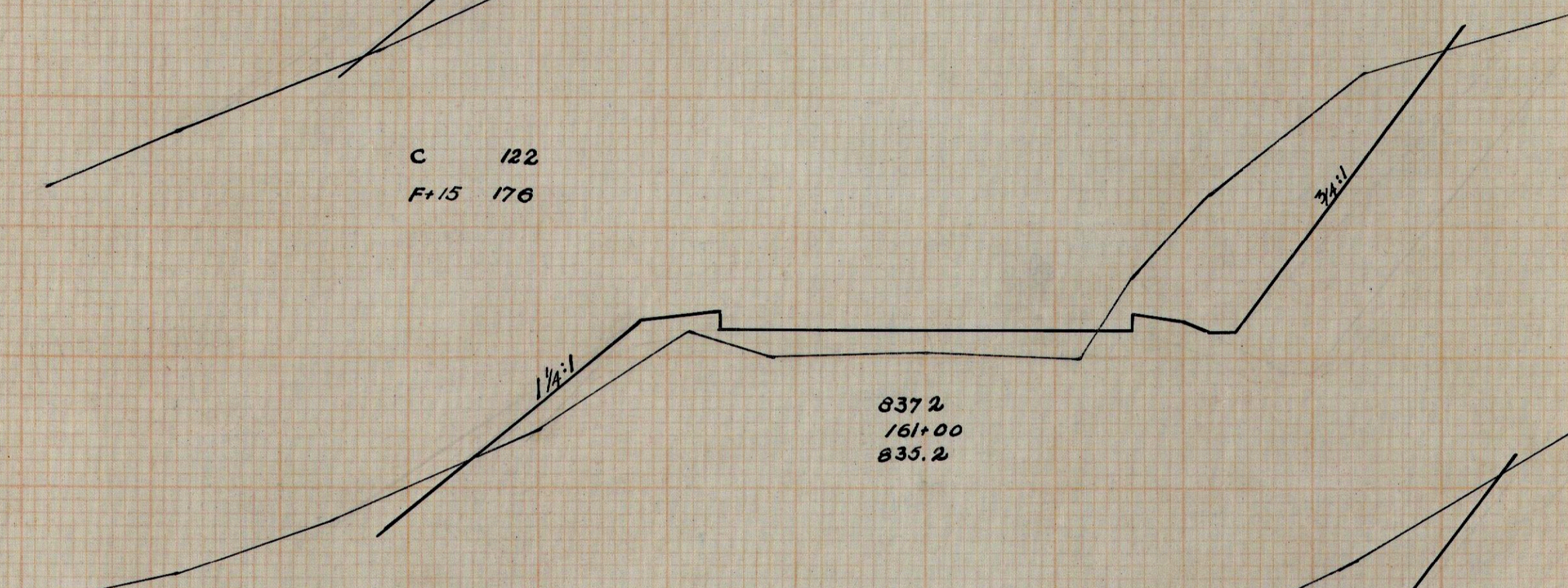
C 76  
 F+15% 234



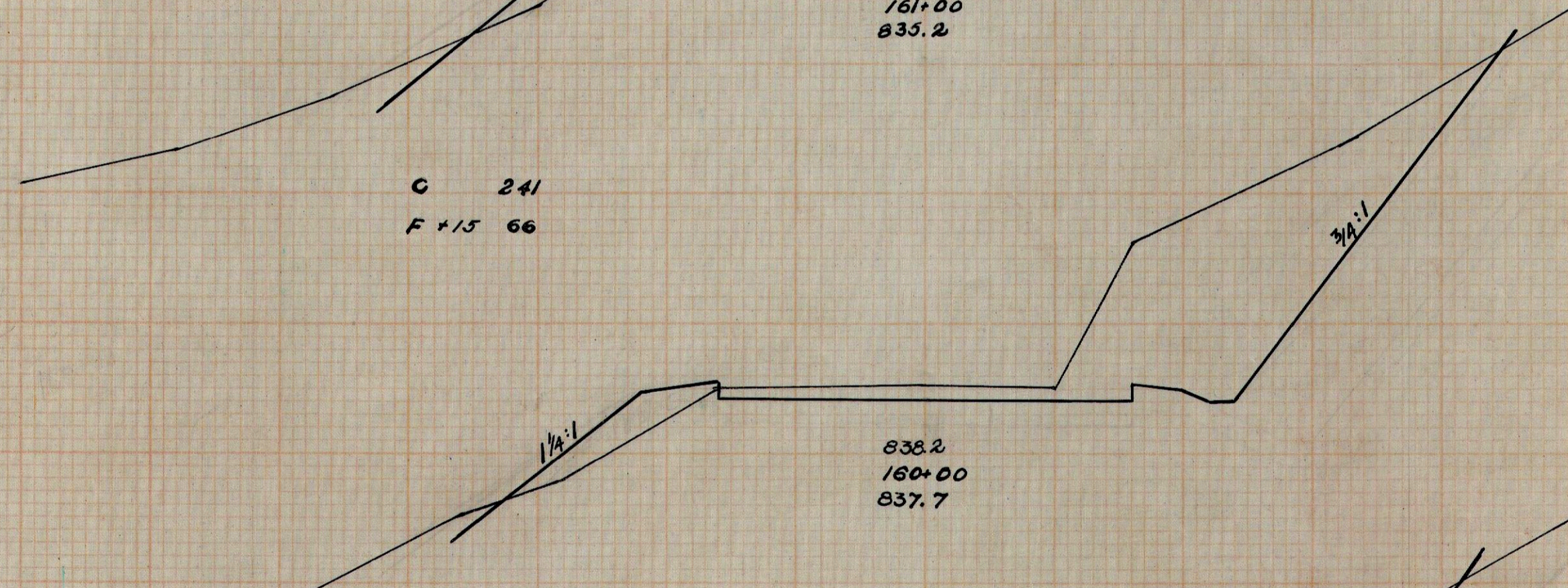
C 87  
 F+15 234



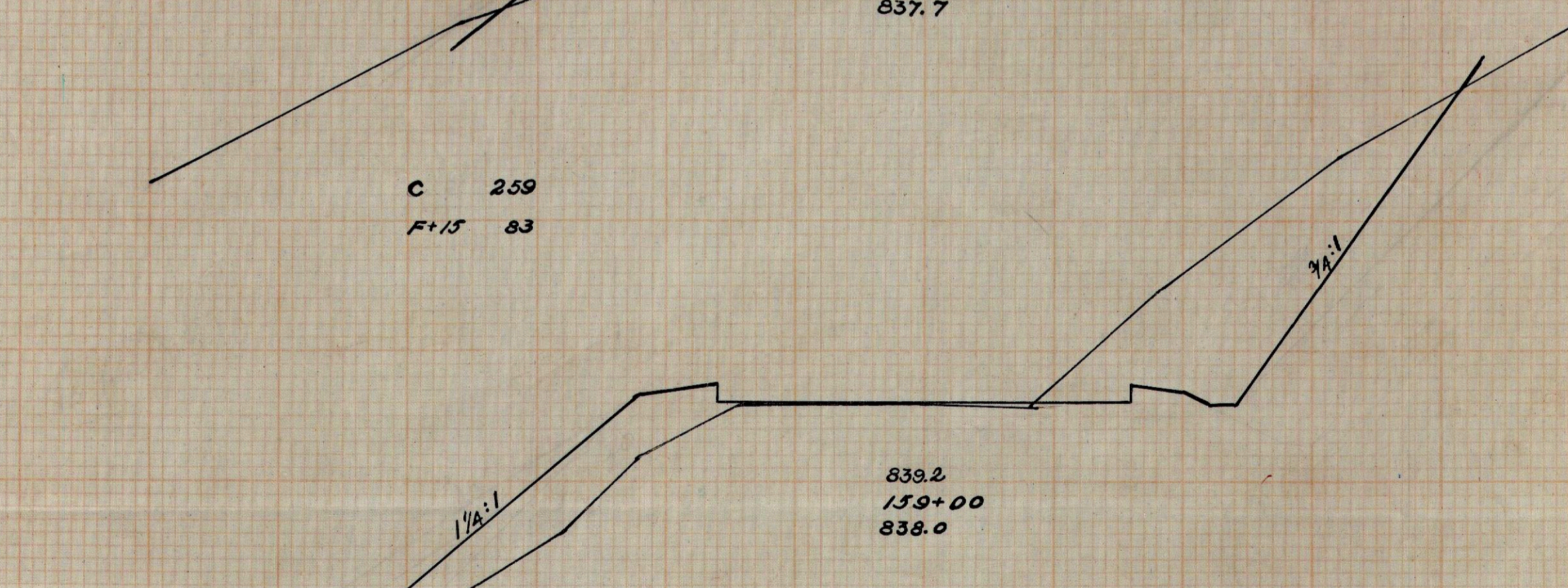
C 122  
 F+15 176



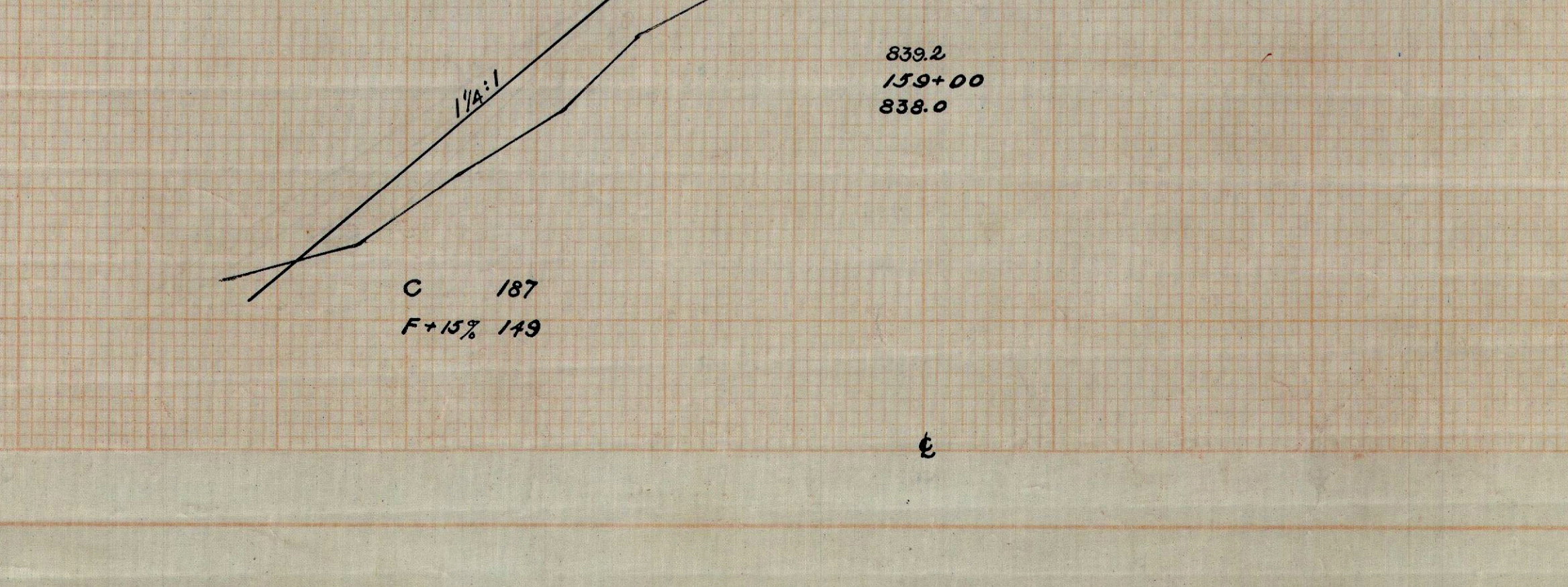
C 241  
 F+15 66



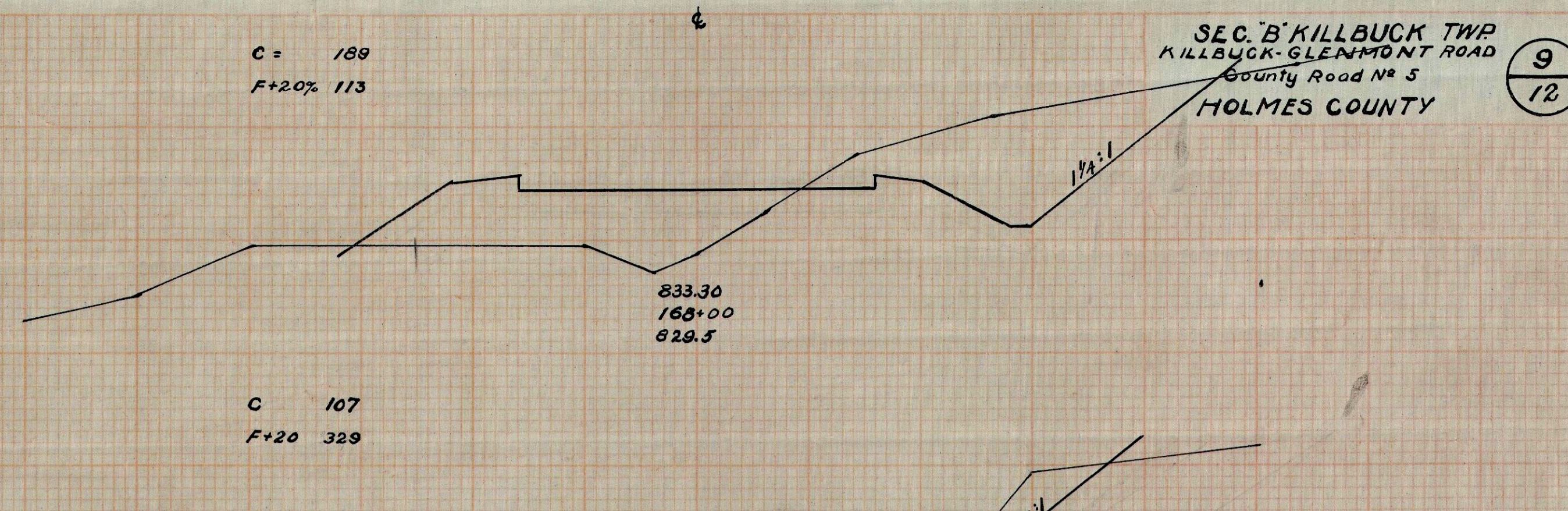
C 259  
 F+15 83



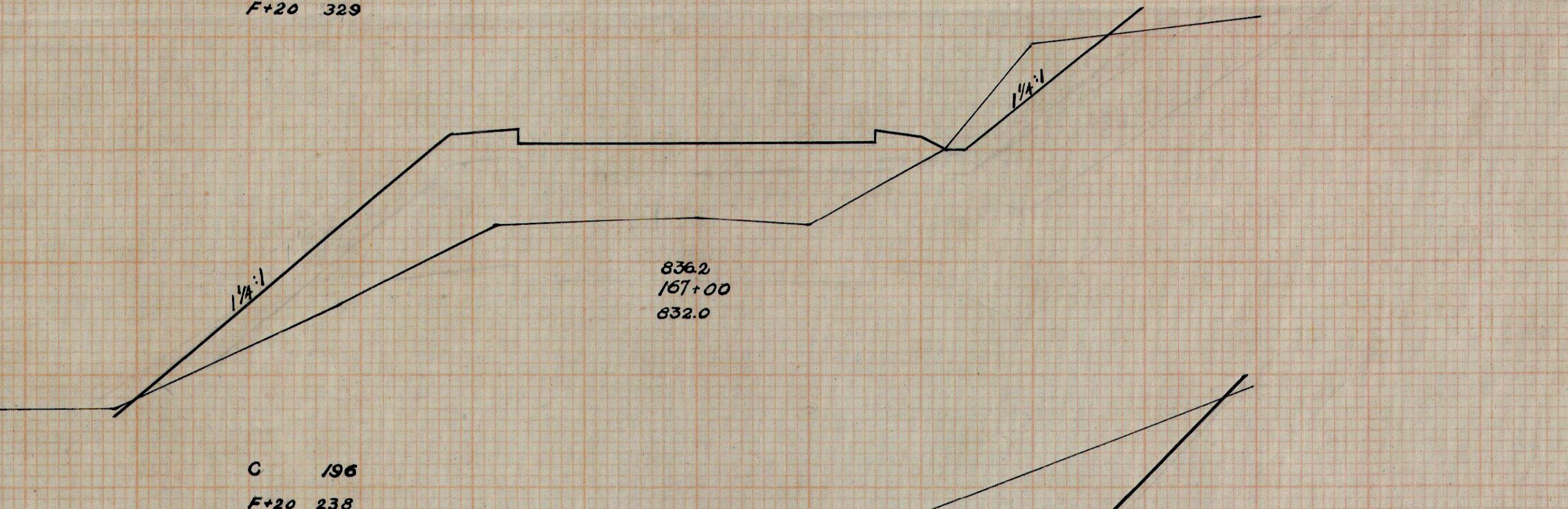
C 187  
 F+15% 149



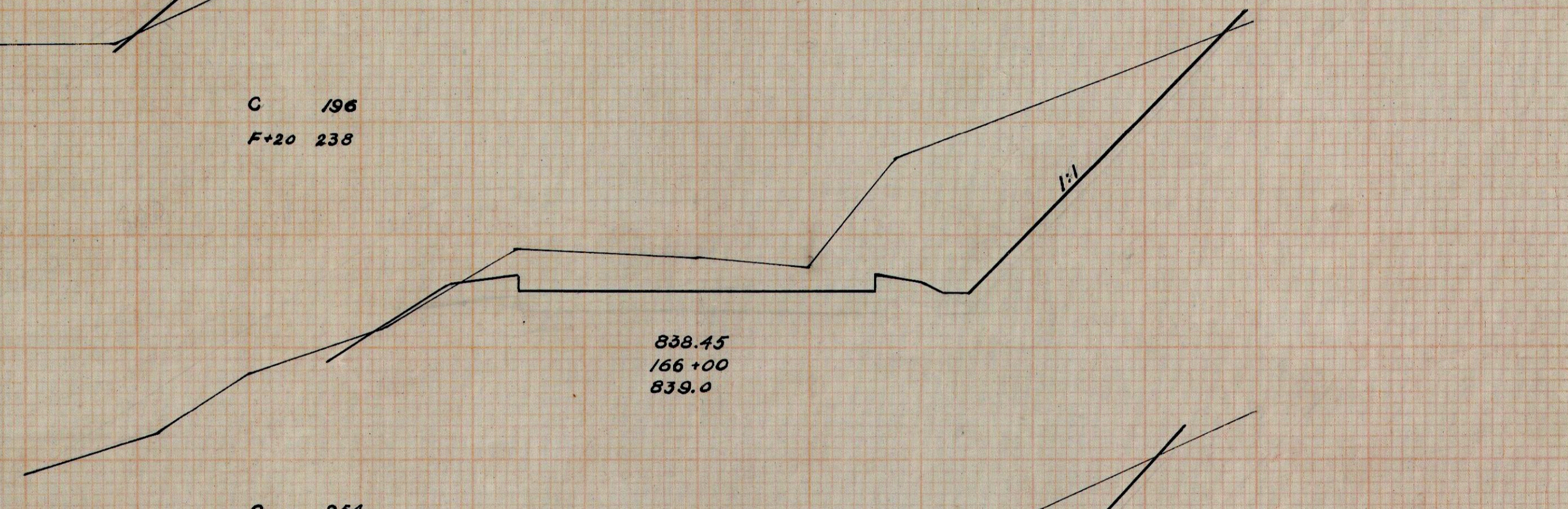
C = 189  
 F+2.0% 113



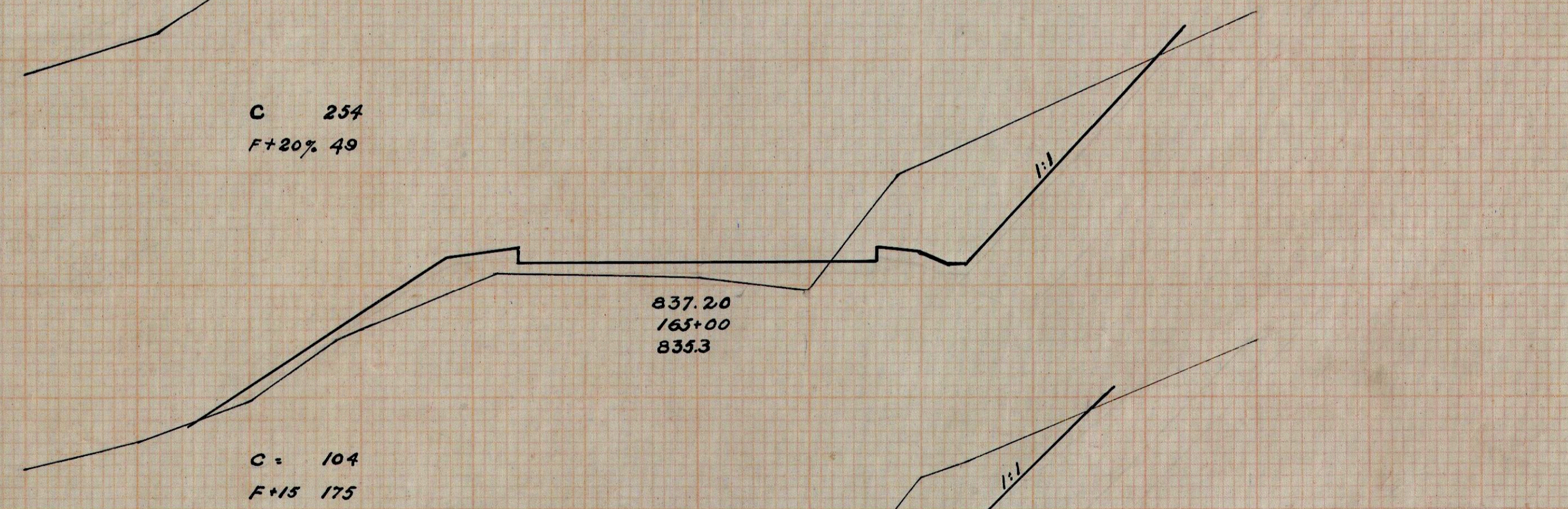
C 107  
 F+20 329



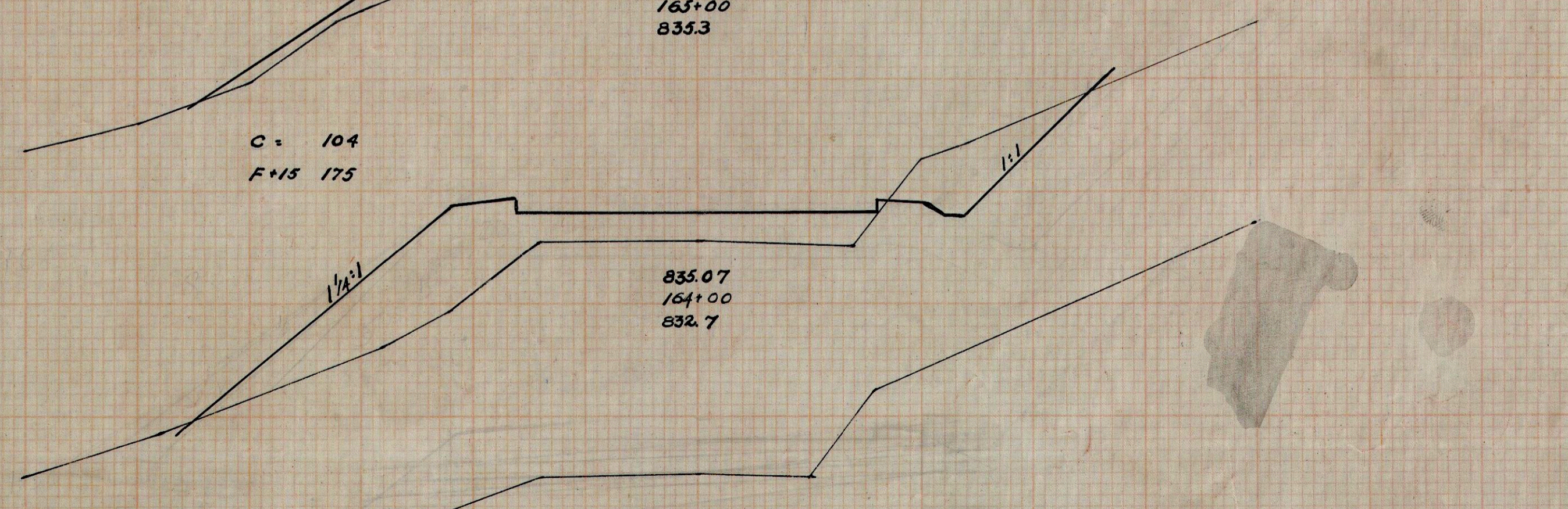
C 196  
 F+20 238



C 254  
 F+20% 49



C = 104  
 F+15 175



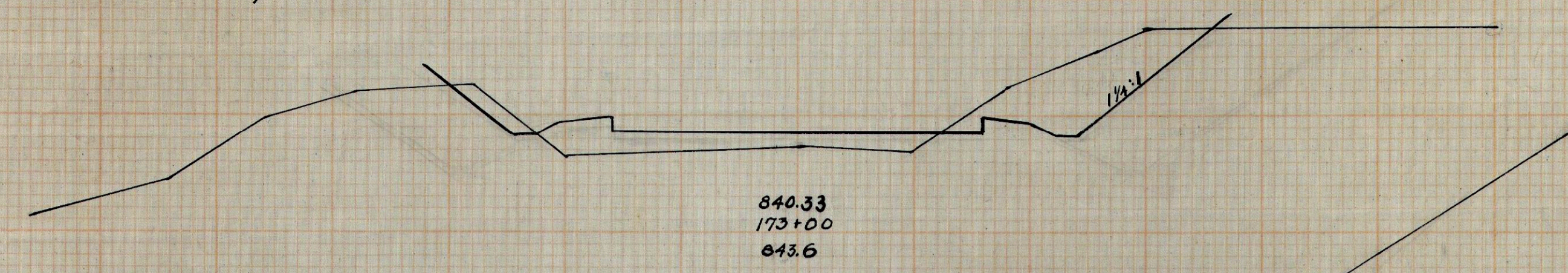
Culvert Section

+50  
 832.5

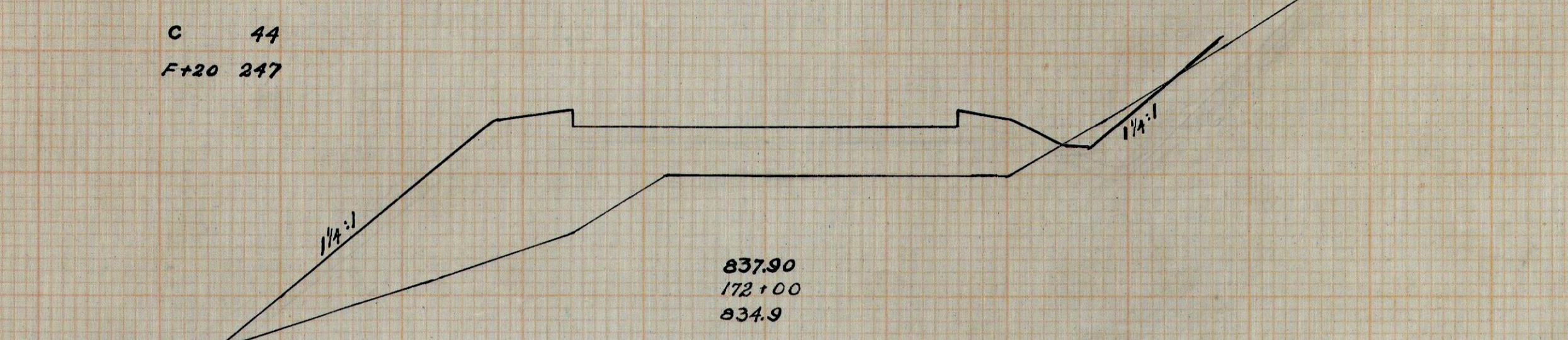
SEC. B' KILLBUCK TWP  
 KILLBUCK-GLENMONT ROAD  
 County Road No 5  
 HOLMES COUNTY

9  
 12

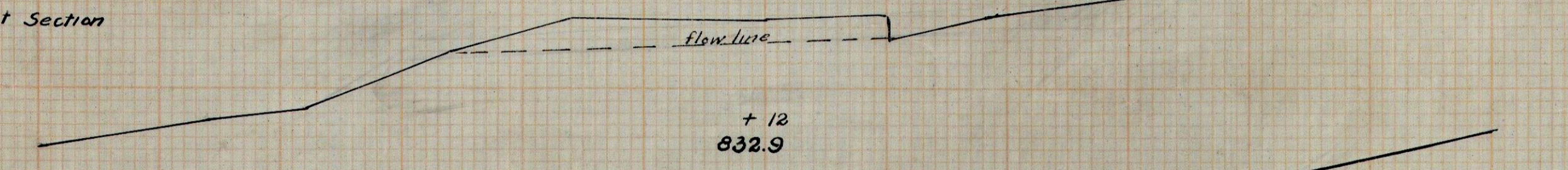
C 172  
 F+20 49



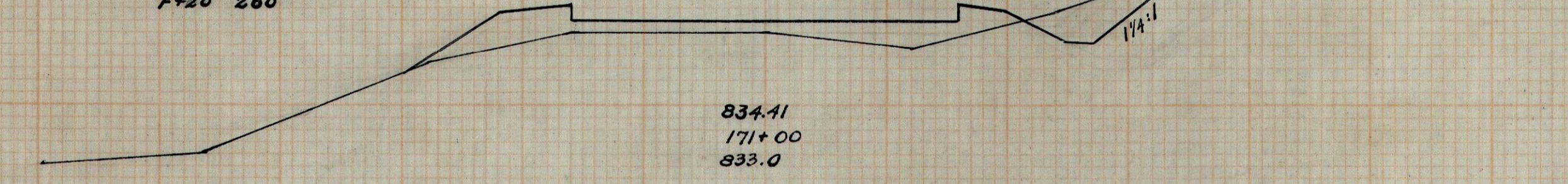
C 44  
 F+20 247



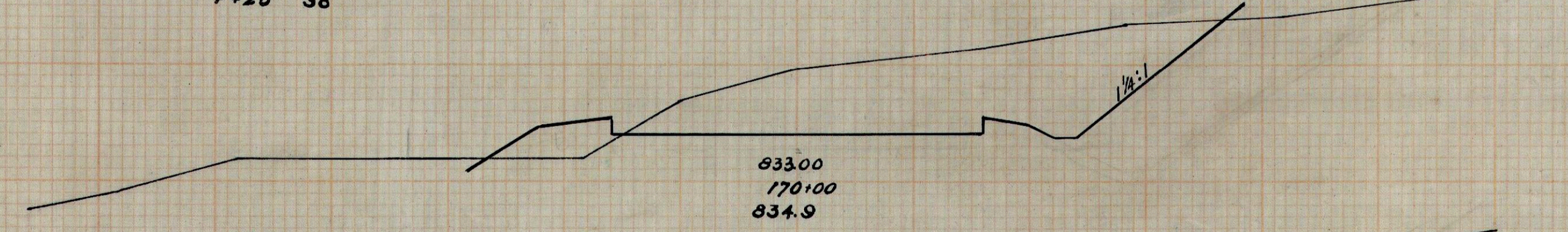
Culvert Section



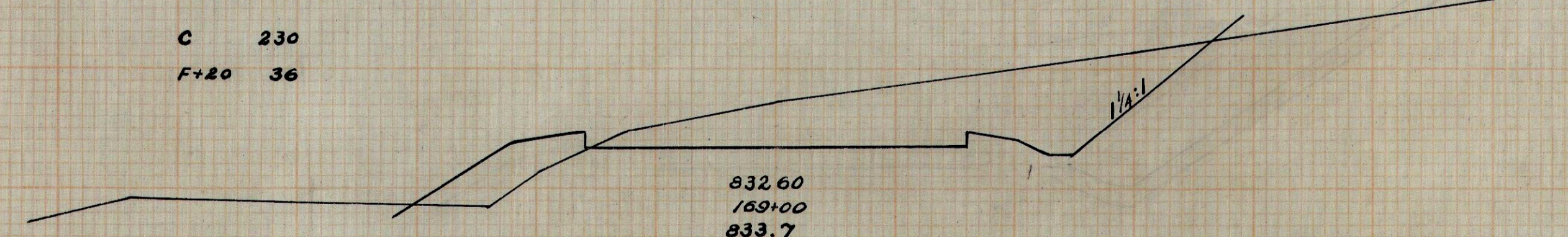
C 17  
 F+20 260



C 143  
 F+20 58



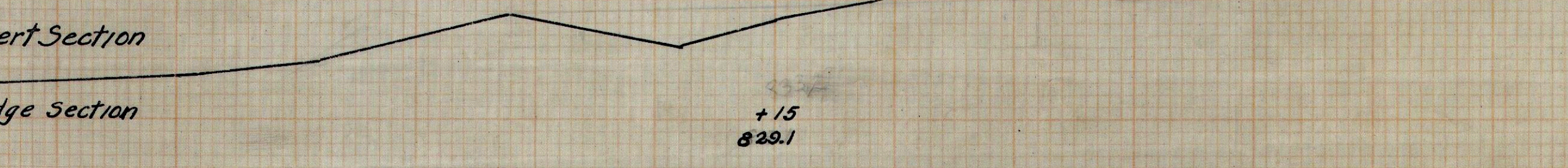
C 230  
 F+20 36



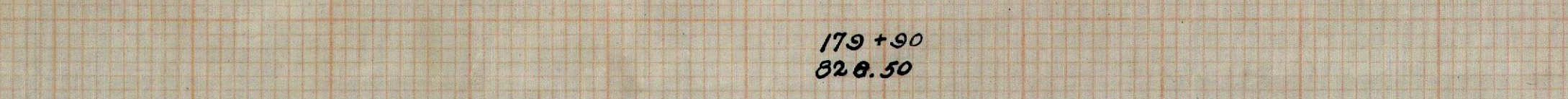
C 189  
 F+20 113

Culvert Section

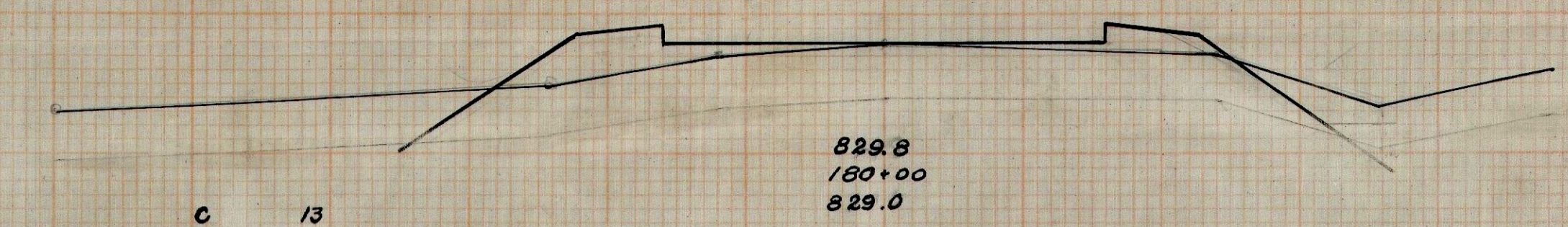
Bridge Section



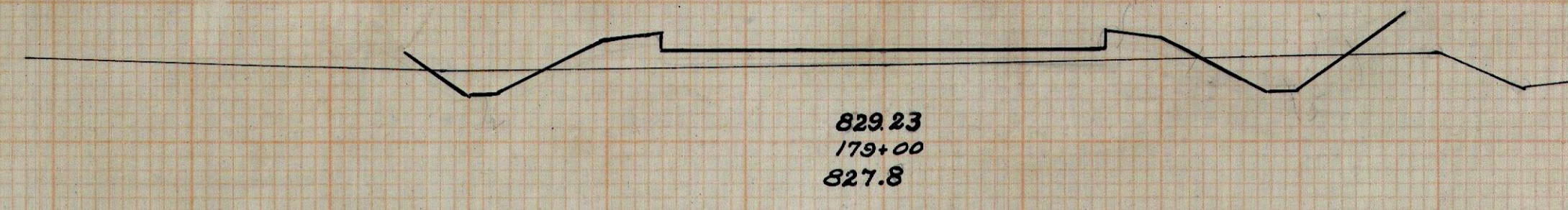
C 6  
 F+30 11 X road to right



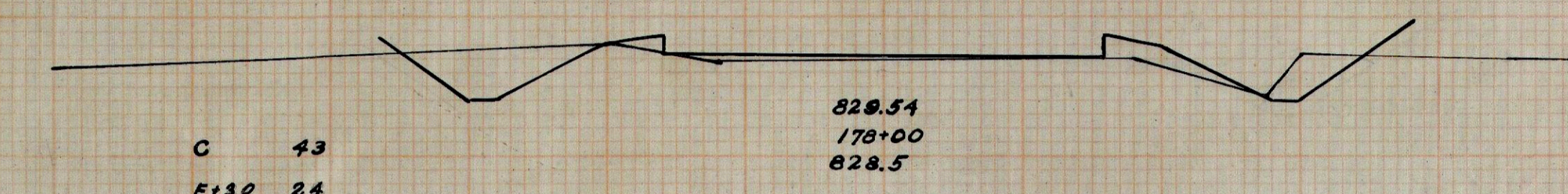
C 13  
 F+30 70



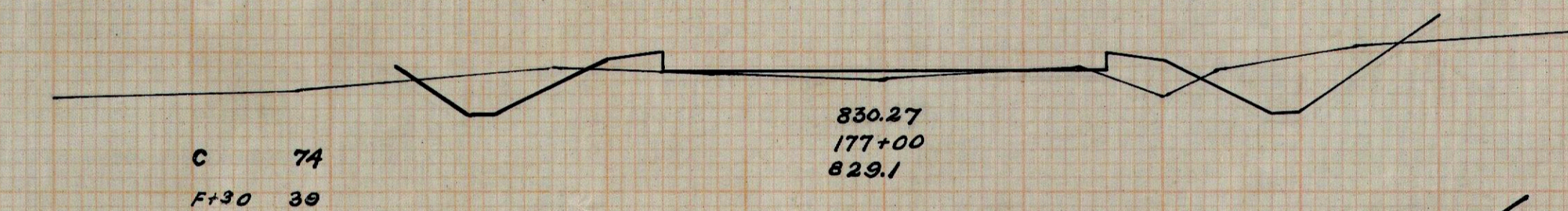
C 33  
 F+30 45



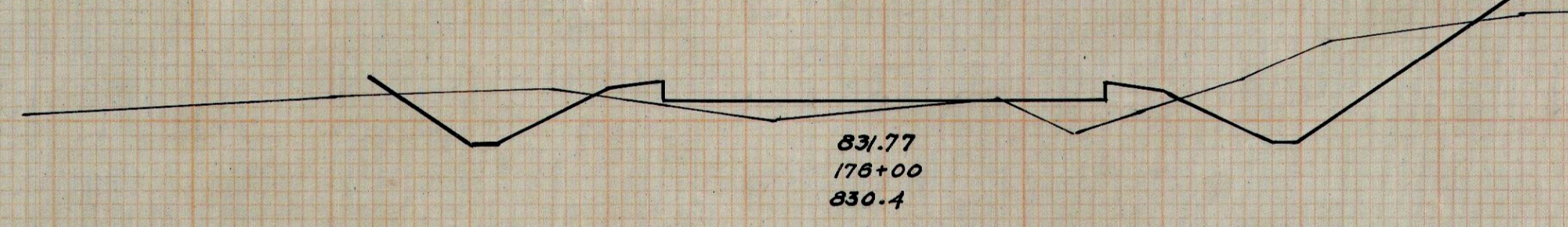
C 43  
 F+30 24



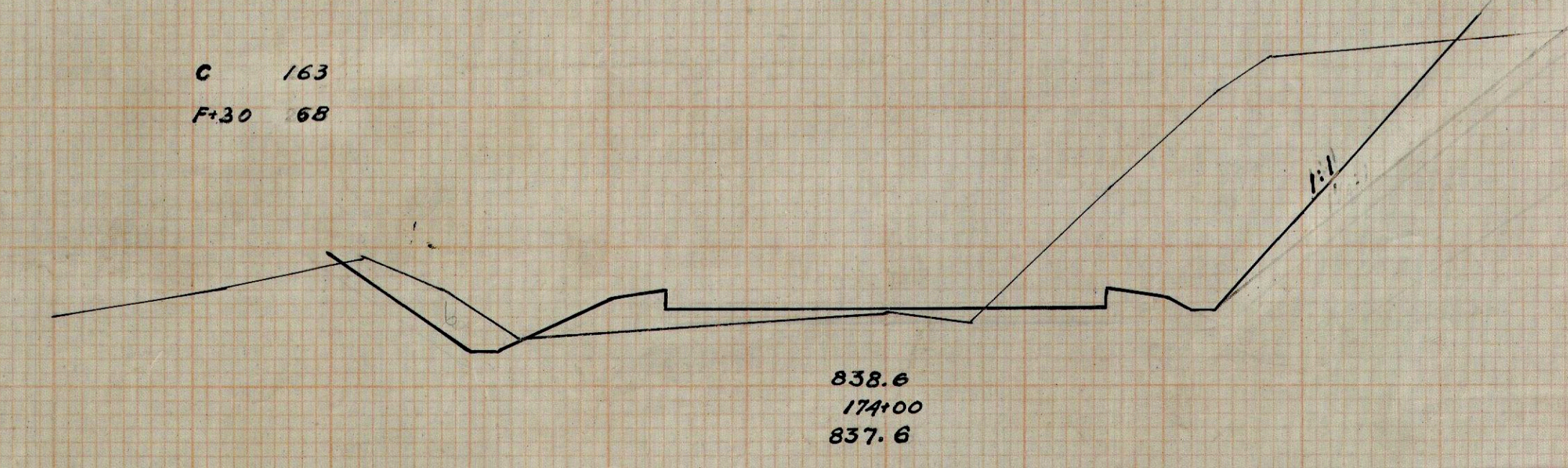
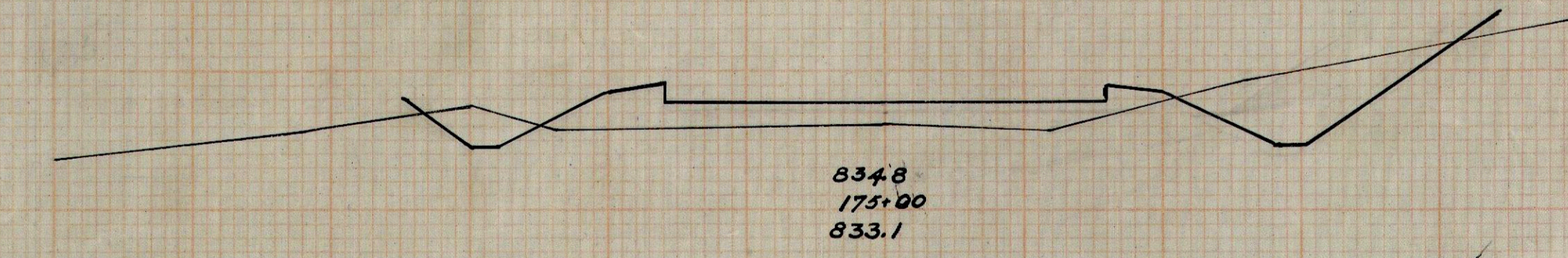
C 74  
 F+30 39



C 85  
 F+30 77

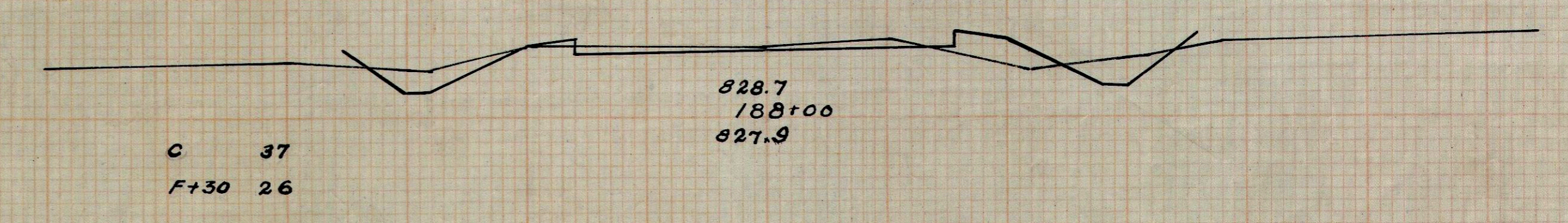
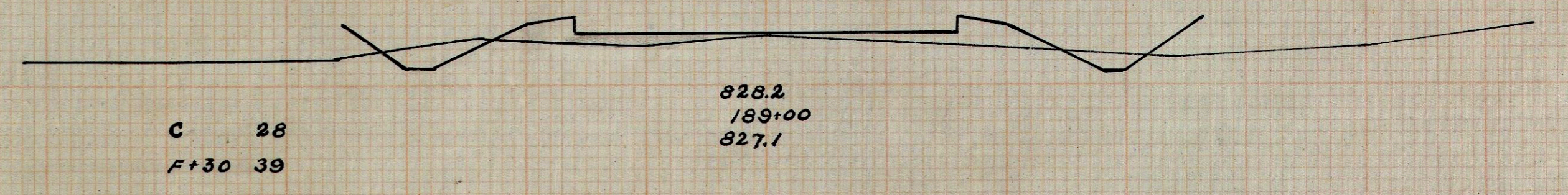
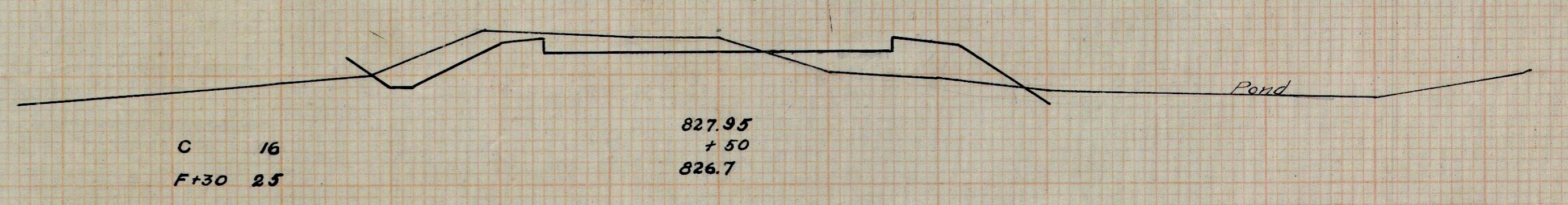
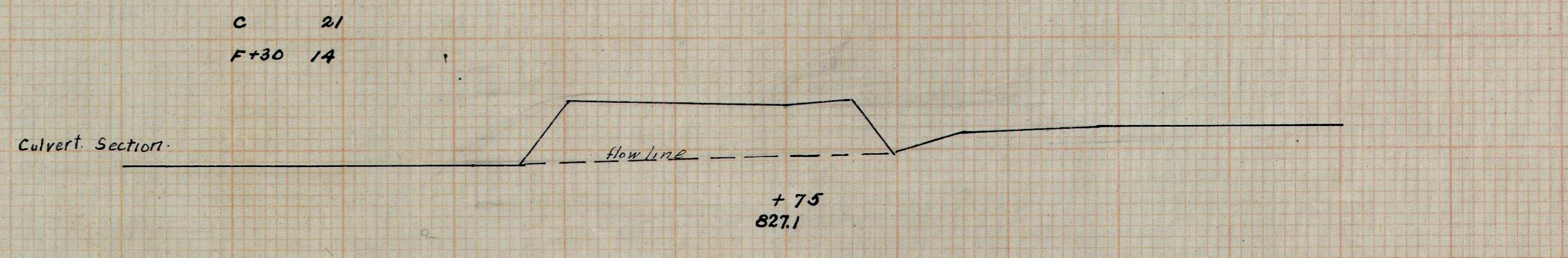
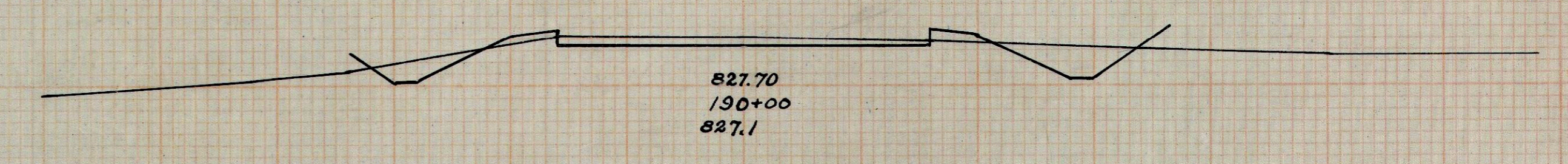
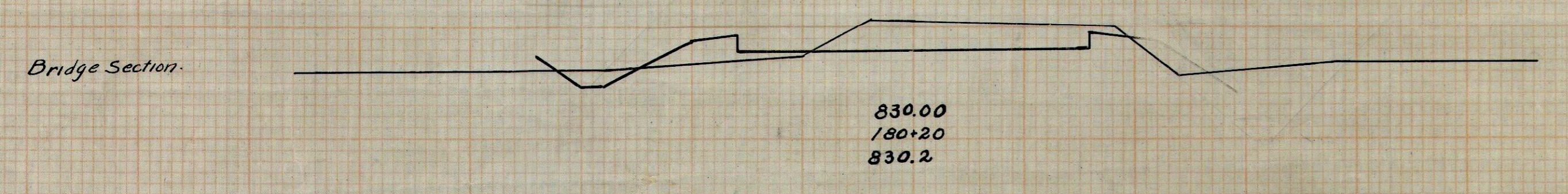
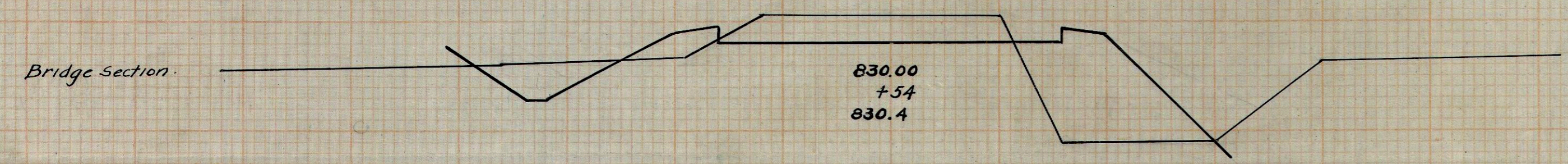
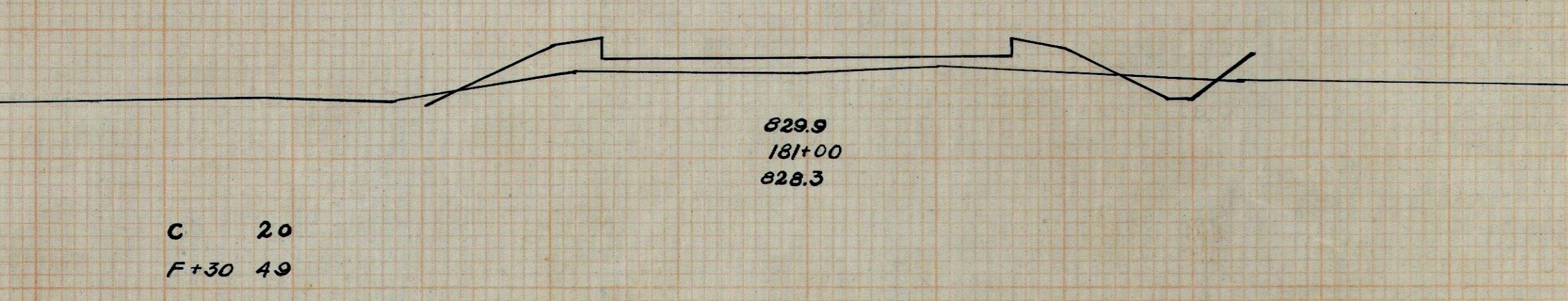
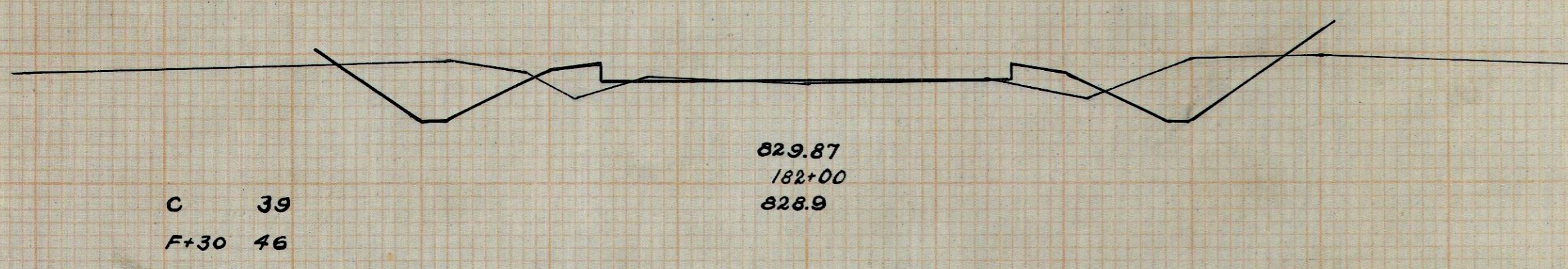
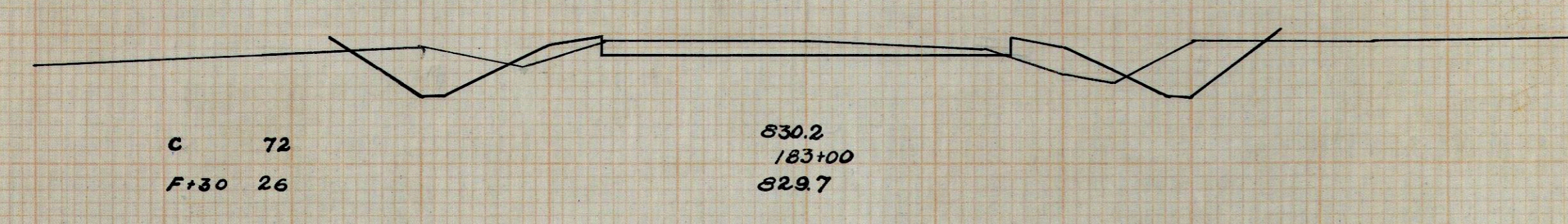
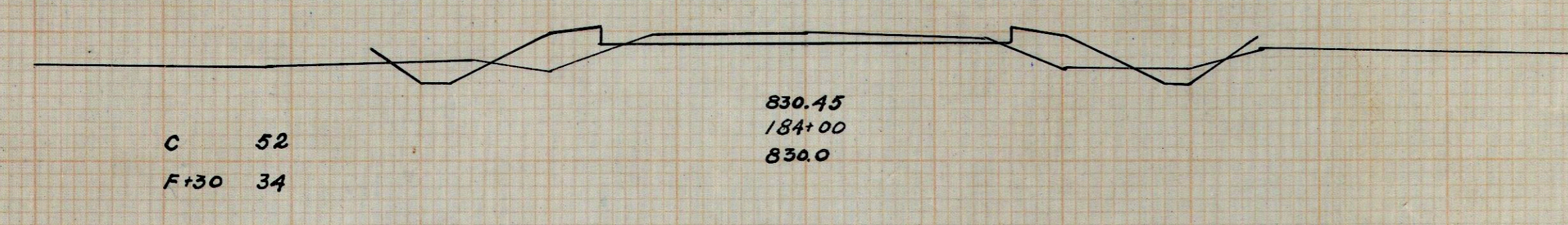
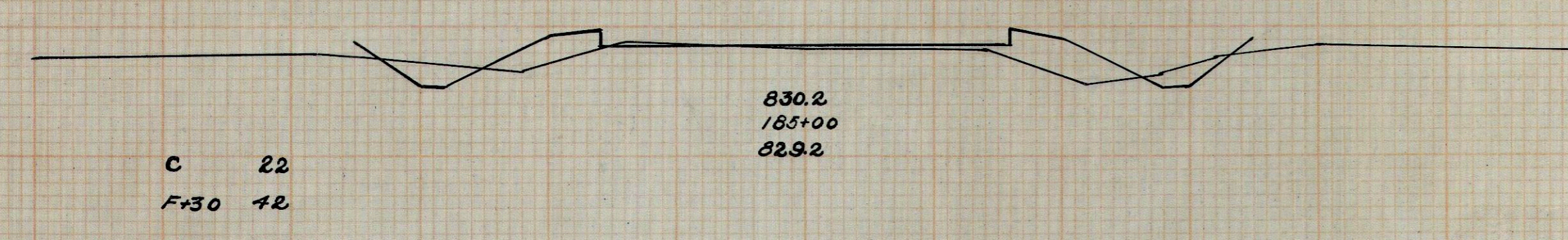
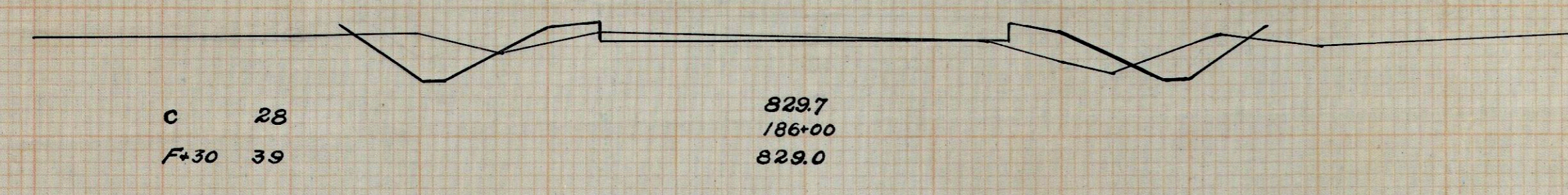
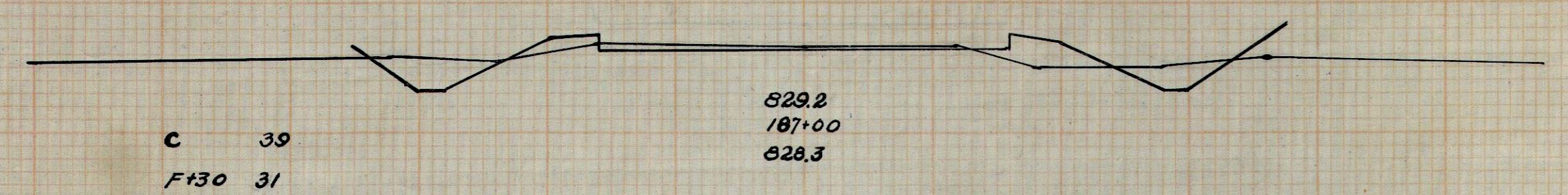


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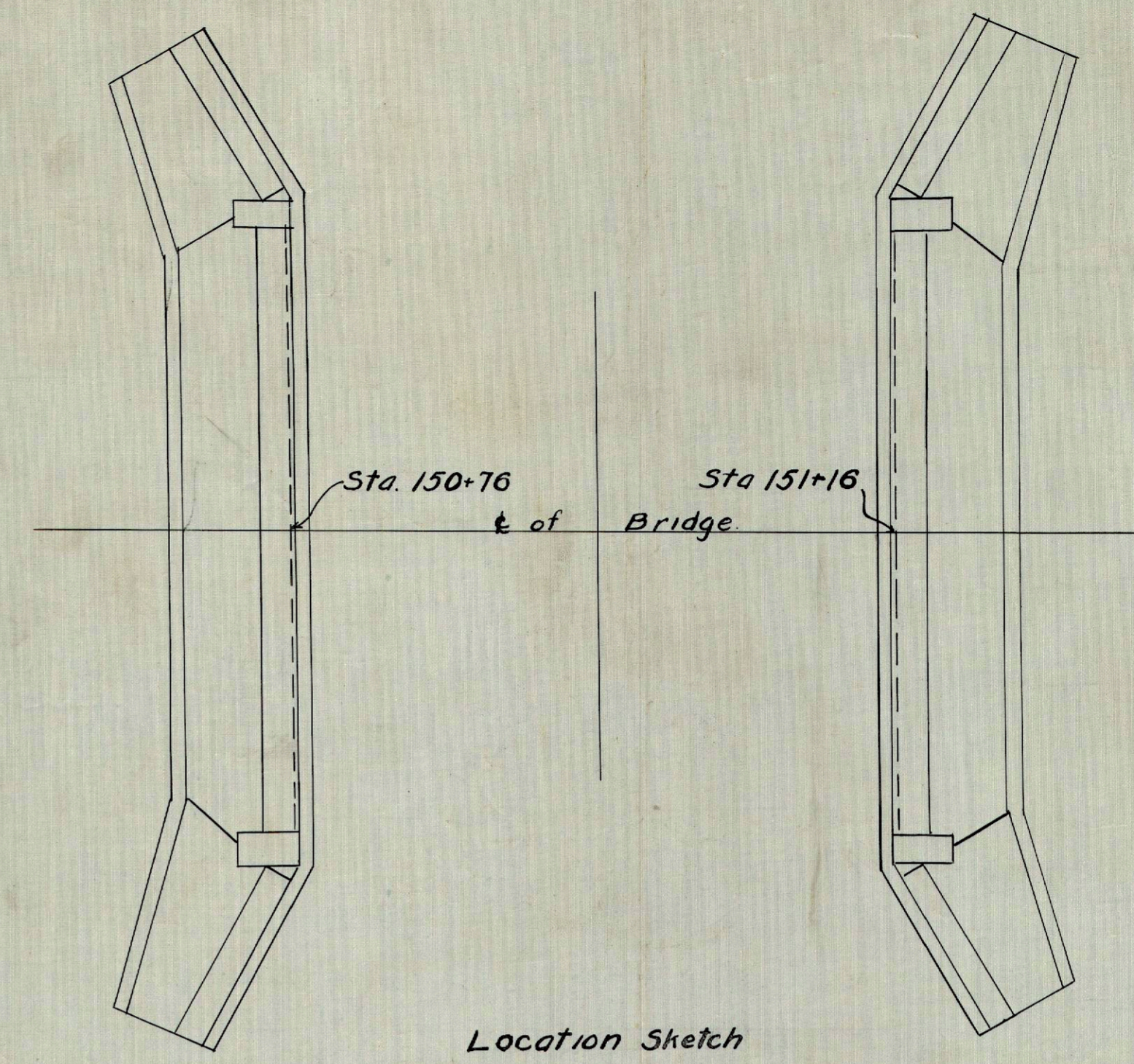
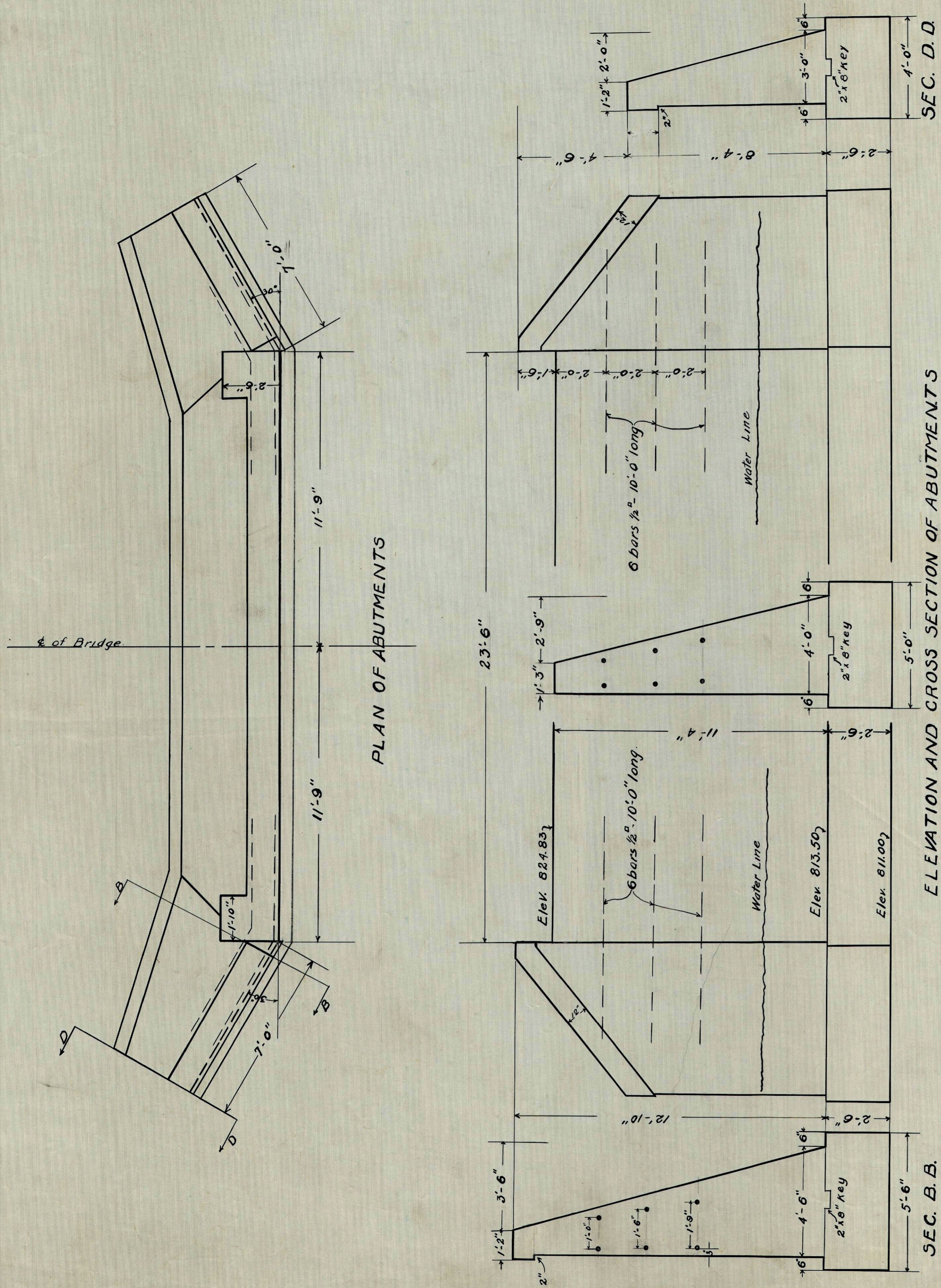
FINAL SURVEY BOOK

ORIGINAL SURVEY BOOK



BY  
 CHECKED  
 DATE

ORIGINAL SURVEY  
 REVISIONS  
 DATE  
 BY  
 CHECKED  
 DATE



**QUANTITIES**

EXCAVATION (WET)	80 Cu. Yds.
" (DRY)	130.3 " "
CONCRETE 1:3:6	32.2 " "
" 1:2 1/2:5	72.1 " "
REINFORCING STEEL	204 lbs.

Note:-  
 For plan of superstructure  
 see state standard plan.

**SUBSTRUCTURE**  
**40 FT. CONCRETE GIRDER BRIDGE**  
 KILLBUCK - GLENMONT ROAD  
 KILLBUCK TWP HOLMES COUNTY  
 STA-151+00